

Table 1: Cell lines ordered by rabbit S9.6 IHC.

Cell Line	Antibody staining HALO (AU) rbS9.6	Antibody staining HALO (AU) 2ry-CONTR	Antibody staining HALO (AU) RNaseA + rbS9.6	Antibody staining HALO (AU) RNaseH + rbS9.6
NCI-H358 (2018)	28.22	0.02	17.2	0.09
SW620 (2015)	28.17	0.04	17.3	0.08
HT-29 (2013)	27.32	0.48	16.13	0.05
SNU-398 (2018)	27.13	0.06	16.26	0.11
MKN-45 (2017)	25.11	0.04	16.71	0.33
LoVo (2013)	24.96	0.54	13.46	0.03
SW48 (2015)	24.87	0.06	15.26	0.16
MDA-MB-453 (2015)	24.67	0.23	13.87	0.03
PC-9 (2014)	24.17	0.02	17.15	0.14
SW707 (2005_2009)	24.13	0.05	6.46	0.06
DV-90 (2018)	23.24	1.04	14.37	0.03
K-562 (sortiert) (2014)	23.12	0.5	17.87	0.04
SU-DHL-1 (2017)	22.74	0.03	15.45	0.08
BT-474 (2013)	22.74	0.37	3.84	0.02
Jurkat (2014)	22.41	0.93	12.6	0.19
C3A (2016)	22.41	0.26	20.11	0.04
HuT 78 (2018)	22.35	0.9	17.85	0.11
MM1.S (2017)	22.28	0.07	11.41	0.47
HCC1197 (2015)	22.01	1.58	13.5	0.07
NCI-N87 (2015)	21.94	0.01	12.94	0.08
COLO 205 (2013)	21.72	0.35	11.33	0.02
NCCIT (2015+2016)	21.59	0.02	16.13	0.37
KATO III (2015)	21.56	0.31	19.24	0.19
HepG2 (2015)	21.55	0.89	9.89	0.02
KP-4 (2013)	21.48	0.37	13.58	0.04
Toledo (2015)	21.36	0.29	13.64	0.38
NCI-H1581 (2015)	21.21	0.04	11.36	0.14
RT-4 (2015)	21.18	0	14	0.04
U-937 (2014)	20.87	0.09	10.54	0.11
NCI-H82 (2013)	20.64	0.01	10.41	0.06
SW480 (2009)	20.62	0.01	9.46	0.06
RT-112 (2015)	20.61	0.03	18.21	0.2
DMS 114 (2015)	20.57	0.6	14.35	0.06
AU565 (2018)	20.46	0.74	7.45	0.04
NCI-H292 (2015)	20.43	0.09	13.78	0.29
Capan-1 (2013)	20.25	0.27	12.58	0.03
MES-SA/Dx5 (2009)	20.16	0.47	11.04	0.02
NCI-H441 (2014)	20.09	0.02	16.69	0.12
HEK-293 (2009)	20.05	1.25	5.77	0.04
NCI-H2009 (2013)	19.93	0.01	13.46	0.13

SU-DHL-4 (2014)	19.84	0.11	15.18	0.14
C8161 (2014)	19.78	0.4	8.38	0.02
C4_Keller (2015)	19.72	0.35	10.34	0.03
MDA-MB-134 (2015)	19.59	0.41	10.81	0.1
MDA-MB-468 (2015)	19.56	0.77	8.71	0.03
HH (2017)	19.55	0.81	14.86	0.05
TF-1	19.24	0.02	12.7	0.09
HCC38 (2015)	19.16	0.57	12.38	0.05
CMK (2016)	19.12	0.5	10.22	0.03
SNU-1 (2014)	19.06	0.04	12.69	0.15
LS513 (2015)	19.03	0.29	5.17	0.03
NCI-H520 (2015)	18.91	0.03	11.79	0.26
Ramos (2013)	18.89	0.09	12.76	0.2
NTERA-2 cl.D1 (2018)	18.86	0.15	16.84	0.08
LNCaP (2014)	18.83	0.66	7.6	0.02
HT55 (2015)	18.83	0.47	4.85	0.04
MIA PaCa-2 (2014)	18.76	0.03	12.51	0.15
DB (2017)	18.65	0.53	13.91	0.09
PANC-1 (2014)	18.62	0.01	16.3	0.08
T-47D (2014)	18.55	0.05	9.98	0.04
SU-DHL-6 (2014)	18.42	0.26	12.47	0.25
HPAF-II (2015)	18.4	0.53	13.86	0.1
HEC-1-A (2018)	18.39	0.46	10.68	0.02
HCC-33 (2016)	18.38	0.39	9.31	0.07
JIMT-1 (2014)	18.24	0.42	14.38	0.06
U266B1 (2015)	18.18	0.02	11.09	0.05
COLO 320 (2015)	18.18	0.53	6.74	0.03
A-431 (2005_2009)	18.17	0.62	2.74	0.02
NCI-H23 (2016)	18.15	0.01	12.16	0.1
CHP-134 (2014)	18.07	0.29	12.31	0.05
AsPC-1 (2015)	17.94	0.17	5.29	0.01
KYSE-30 (2005_2009)	17.84	0.43	5.34	0.04
SK-BR-3 (2009)	17.74	0.01	6.95	0.02
A-375 [A375] (2015)	17.74	0.17	5.58	0.01
MDA-MB-435 (2013)	17.62	0.45	7.63	0.01
Hs 852.T (2009)	17.57	0.81	6.4	0.1
A549 (2005_2009)	17.44	0.2	3.59	0.02
RH-30 (2014)	17.41	0.06	12.31	0.13
Calu-6 (2013)	17.38	0.53	9.65	0.07
MV-4-11 (2009)	17.36	0.1	5.25	0.23
MDA-MB-361 (2015)	17.32	0.27	0.62	0.07
C-33A (2015)	17.31	0.26	13.62	0.04
MCF7 (2005,2009,2013)	17.2	0.96	3.02	0.08
TT (2017)	17	0.06	14.41	0.27
LOX (2005_2009)	16.92	0.29	7.76	0.02
SIMA (2016)	16.73	0.02	9.28	0.12
JJN-3 (2017)	16.67	1.03	11.23	0.04
HT-144 (2016)	16.66	0.56	8.81	0.04

NCI-H929 (2017)	16.65	0.07	2.94	0.17
DLD-1 (2017)	16.61	0.33	6.78	0.03
Daudi (2017)	16.6	0.53	13.82	0.05
MeWo (2009)	16.54	0.25	11.31	0.07
HCC1954 (2015)	16.54	0.93	8.72	0.03
HCT 116 (2005_2009)	16.46	0.57	8.59	0.15
G-401 (2014)	16.36	0.55	7.22	0.03
A2780 ADR (2013)	16.26	0.53	7.02	0.03
SK-HEP-1 (2009_2015)	16.14	0.01	12.47	0.02
BT-549 (2016)	16.12	0.3	9.31	0.04
L2987 (2016)	16.04	0.4	4.45	0.03
DU4475 (2017)	15.94	0.31	4.6	0.01
NCI-H1437 (2014)	15.78	0.03	11.59	0.2
HL-60 (2009)	15.75	0.58	9.02	0.08
U-251 MG (2013/14)	15.74	0.01	11.16	0.05
IGROV-1 (2017)	15.66	0.96	7.05	0.06
BT-20 (2016)	15.66	0.29	4.65	0.01
OVCAR-3 (2015)	15.66	0.02	13.11	0.12
NCI-H596 (2009)	15.61	0.01	11.45	0.11
NCI-H322 (2015)	15.4	0.01	9.35	0.07
EB1 (2017)	15.34	0.54	12.25	0.06
HT-1080 (HT1080) (2009)	15.3	1.43	7.5	0.01
NCI-H460 (2013)	15.26	0.02	10.58	0.1
NCI-H1395 (2016)	15.21	0.01	14.67	0.05
A2780 (2009)	15.18	0.27	2.27	0.03
MDA-MB-231 (2013_2014)	15.12	0.14	14.28	0.04
NCI-H1299 (2014)	15.1	0.03	9.78	4.1
SJSA-1 (2015)	15.08	0.06	4.87	0.13
M059J (2018)	14.98	0.49	10.88	0.04
M059K (2018)	14.85	0.4	11.43	0.03
MES-SA (2013)	14.81	0.69	5.36	0.01
HDLM-2 (2017)	14.81	0.5	7.69	0.15
M21 (2005_2009)	14.79	0.41	6.28	0.03
A-673 (2015)	14.74	0.39	10.72	0.07
LS 174T (2009)	14.7	0.3	10.77	0.13
DU 145 (2013)	14.39	0.35	5.01	0.01
HUVEC (2018)	14.36	0.47	9.2	0.02
SK-N-SH (2015)	14.34	0.08	13.11	0.11
U-118 MG (2013)	14.25	0.02	11.72	0.14
A-498 (2015)	14.24	0.15	3.62	0.09
A2058 (2009)	14.23	0.26	9.53	0.05
SNU-5 (2013)	14.09	0.01	4.84	0.02
Raji (2009)	14.08	0.08	2.91	0.14
PC-3 (2005_2009)	13.82	0.02	5.97	0.15
SW 1990 (2014)	13.7	0.02	13.5	0.1
EBC-1 (2013)	13.55	0.94	9.9	0.13
NCI-H1781 (2018)	13.33	0.01	13.33	0.1
Calu-3 (2009)	13.26	0.24	4.32	0.02

Detroit 562 (2015)	13.08	0.09	9.05	0.01
NCI-H1993 (2016)	13.04	0.01	13.12	0.21
MX-1 (2009)	12.99	0.03	4.11	0.2
MDA-MB-436 (2015)	12.75	0.36	5.2	0.04
A172 (2017)	12.71	0.11	13.34	0.1
BxPC-3 (2009)	12.67	0.08	4.91	0.01
COV434 (2018)	12.63	0.24	8.93	0.02
Pfeiffer (2018)	12.58	0.02	11.56	0.11
FaDu (2013)	12.43	0.42	2.02	0.02
JVM-3 (2017)	12.4	0.55	3.96	0.04
NCI-H1650 (2014)	12.3	0.05	4.15	0.05
EHEB (2018)	12.27	0.36	11.99	0.02
SK-OV-3 (2009_2013)	12.16	0.02	12.15	0.13
NCI-H1975 (2009)	12.08	0.01	4.5	0.07
RPMI 8226 (2017)	11.7	0.13	12.62	0.12
NCI-H838 (2015)	11.6	0.01	7.16	0.07
ZR-75-1 (2015)	11.51	0.02	10.44	0.16
Hs 746T (2009)	11.43	0.25	5.23	0.02
SK-MEL-28 (2015)	11.16	0.02	9.42	0.04
AGS (2009)	10.85	0.07	3.86	0.01
WM164 (2005_2009)	9.84	0.02	3.57	0.04
Capan-2 (2016)	9.78	0.22	6.91	0.14
NCI-H69 (2009,2013)	9.48	0.05	0.5	0.17
LP-1 (2017)	9.17	0.67	1.87	0.09
SNB-78 (2009)	8.53	0.02	5.3	0.13
MRC-5 (2018)	7.76	0.01	4.82	0.08
MCF 10A (2017)	7.58	0.73	2.77	0.07
Hs68 (2014)	6.26	0.13	2.56	0.02

Table 2: Orthoxenograft tumor samples ordered by rabbit S9.6 IHC.

Orthoxenograft tumor sample	Antibody staining HALO (AU) rbS9.6	Antibody staining HALO (AU) 2ry-CONTR	Antibody staining HALO (AU) RNaseA + rbS9.6	Antibody staining HALO (AU) RNaseH + rbS9.6
MX-1_breast_1	34.16	0.01	4.81	0
Colo320_colon_1	29.46	0.04	19.98	0.04
Toledo_blood_1	22.8	0.01	9.48	0.01
SW620_colon_2	22.13	0.06	37.76	0.01
A2780_ovary_1	22.1	0.08	17.55	0.06
HepG2_liver_1	21.43	0.29	11.71	0.06
Toledo_blood_2	20.95	0.01	9.26	0.02
HT-55_colon_1	20.42	0.03	26.42	0
LNCaP Keller_prostate_1	20.41	1.19	10.98	0.27
HCT116_colon_1	20.2	0.03	18.62	0.01
A2780_ovary_2	20.14	0.07	13.53	0.05
HCT116_colon_2	19.92	0.01	17.28	0
LS513_colon_2	19.51	0.02	11.92	0.01
CHP-134_adrenal_2	17.36	0	11.16	0
Karpas-422_lymphocyte_2	17.22	0	0.31	0.01
MiaPaCa2_pancreas_1	17	0.01	4.11	0.01
NCI-H292_lung_1	16.8	0	1.68	0
SW620_colon_5	16.63	0.06	22.87	0.01
Karpas-422_lymphocyte_1	16.48	0	1.81	0
HT-29_colon_1	15.81	0.04	11.54	0.01
EBC-1_lung_3	15.68	0.04	10.6	0
Calu-6_lung_1	15.24	0.02	3.27	0.01
CHP-134_adrenal_1	15.15	0.01	15.15	0
Kyse30_esophagus_1	15.06	0.1	4.97	0.01
MDA-MB-435 Welch_breast_1	15.05	0.02	10.99	0.01
NCI-H292_lung_2	14.82	0	0.46	0.01
Calu-6_lung_2	14.34	0.01	2.27	0
HepG2_liver_2	13.95	1.01	5.91	0.58
MDA-MB-231_breast_1	13.83	0.01	0.65	0.02
HT-29_colon_2	13.55	0.02	8.75	0
LNCaP Keller_prostate_2	13.54	0.65	1.19	0.19
CAPAN-1_pancreas_1	12.66	0.02	3.42	0.01
EBC-1_lung_4	12.53	0.02	10.1	0
A498_kidney_1	12.46	0.04	8.4	0.02
DLD-1_colon_1	12.22	0.01	3.66	0
Kyse30_esophagus_2	11.86	0.02	2.05	0

Detroit562 _pharynx_1	11.52	0.01	6.92	0.01
DLD-1 _colon_2	11.52	0.02	1.88	0.01
Detroit562 _pharynx_2	11.43	0.01	3.7	0.01
CAPAN-1 _pancreas_2	11.42	0.02	2.82	0.03
Caki-1 _kidney_2	11.26	0.02	4.53	0.02
HCT116 _colon_3	11.16	0.02	3.62	0.01
MDA-MB-231 _breast_2	10.98	0.01	0.34	0.01
HCT116 _colon_4	10.51	0.02	2.8	0
A498 _kidney_2	10.41	0.03	8.07	0.01
MDA-MB-435 Welch _breast_2	10.31	0.01	8.49	0.01
KP-4 _pancreas_1	10.15	0.02	7.99	0
Ovcar-3 _ovary	9.97	0.01	1.69	0.03
HCC1954 _breast_1	9.92	0.03	7.67	0.01
NCI-H1650 _lung_1	9.47	0.02	1	0.02
HCC1954 _breast_2	9.42	0.04	6.75	0.01
LS513 _colon_1	9.41	0.04	14.89	0.01
NCI H460 _lung_1	9.11	0.02	14.38	0.01
Caki-1 _kidney_1	9.07	0.01	9.45	0.01
SW620 _colon_4	8.2	0.03	23.18	0.01
SW480 _colon_2	7.95	2.44	6.41	3.46
M21 _skin_1	7.21	0	0.13	0
PC-3 _prostate_1	7.2	0.01	16.09	0.01
KP-4 _pancreas_2	7.04	0.02	7.34	0
A549 _lung_2	6.77	0.01	9.98	0.01
SW480 _colon_3	6.71	0.61	3.24	0.9
EBC-1 _lung_1	6.67	0.03	9.13	0.01
Calu-3 _lung_1	6.64	0	0.67	0.01
MCF-7 _breast_1	6.6	0.05	9.68	0
C4 Keller _prostate_2	5.85	0.02	18	0.01
NCI-H1975 _lung_2	5.84	0.01	6.85	0.02
HPAF-II _pancreas_1	5.69	0.04	0.85	0.02
Colo-205 _colon_1	5.46	0.02	12.46	0
NCI H460 _lung_2	5.35	0.01	8.66	0.01
AsPC-1 _pancreas_2	5.33	0.04	0.7	0.02
NCI-H838 _lung_1	5.25	0	0.98	0.01
Colo-205 _colon_2	5.19	0.01	11.24	0
U87MG _brain_1	5.06	0	11.92	0.01
SW620 _colon_3	5.05	0.01	28.24	0.01
SK-Hep1 _liver_1	4.85	0.02	12	0.03
AsPC-1 _pancreas_1	4.79	0.01	0.95	0.03
SW620 _colon_6	4.67	0.03	22.77	0.04
PC-3 _prostate_2	4.63	0.02	11.87	0.01
KP-4 _pancreas_4	4.54	0.01	2.17	0
C-33A _uterus_1	4.52	0.02	1.05	0.04
A549 _lung_1	4.46	0.05	14.22	0.01

C4 Keller _prostate_1	4.46	0.01	18.02	0
PC-9 _lung_1	4.42	0.19	14.02	0.07
SW480 _colon_1	4.34	0.01	12.4	0.01
AsPC-1 _pancreas_4	4.33	0.02	1.66	0.03
MDA-MB-231 LnLuc _breast_1	4.31	0.02	11.89	0
U87MG _brain_2	4.13	0.01	11.69	0.01
A-431 _skin_1	3.74	0.01	2.12	0.27
PC-9 _lung_2	3.6	0.08	10.8	0.04
DU-145 _prostate_1	3.48	0	0.16	0.01
KP-4 _pancreas_3	3.45	0.03	3.28	0
NCI N87 _gastric_1	3.43	0.02	8.02	0.01
Calu-3 _lung_2	3.36	0	0.06	0.01
Z-138 _blood_2	3.17	0.02	15.81	0
NCI-H1975 _lung_3	3.1	0.01	5.9	0.01
SK-Hep1 _liver_2	2.98	0.02	8.07	0.03
IGROV-1 _ovary_1	2.96	0	0.4	0
A-431 _skin_2	2.86	0.01	0.94	0.03
Z-138 _blood_1	2.82	0.01	16.97	0.01
EBC-1 _lung_2	2.8	0.04	7.48	0.01
BxPC3 Boston _pancreas_2	2.68	0	0.59	0.02
SKOV-3 _ovary_1	2.51	0.1	6.3	0.01
MDA-MB-231 LnLuc _breast_2	2.45	0.02	9.74	0
PC-3 _prostate_4	2.45	0.02	8.7	0
SK-N-SH _brain_1	2.42	0.01	14.46	0.01
NCI H292 _lung_1	2.33	0.03	4.22	0.01
BxPC3 Boston _pancreas_1	2.31	0.01	3.19	0.01
M21 _skin_2	2.28	0.01	0.07	0.03
NCI-H1975 _lung_1	2.26	0.02	8.81	0.04
PC-3 _prostate_6	2.2	0.02	6.91	0.01
AsPC-1 _pancreas_3	2.2	0.03	2.26	0.09
IGROV-1 _ovary_2	2.03	0.04	0.32	0.04
G-401 _kidney_1	1.72	0.03	0.17	0.07
PC-3 _prostate_5	1.69	0.02	7.38	0.01
SW480 _colon_4	1.67	0	2.09	0
PC-3 _prostate_3	1.43	0.04	10.66	0
WM164 _skin_1	1.4	0.02	0.36	0.01
NCI N87 _gastric_2	1.16	0.08	3.83	0
NCI H322 _lung_3	1.14	0.06	8.24	0
SKOV-3 _ovary_2	1.02	0.06	2.1	0.05
NCI H322 _lung_4	0.57	0.04	3.55	0
NCI H292 _lung_2	0.43	0.02	3.61	0
G-401 _kidney_2	0.3	0.03	0.09	0.09
NCI H1299 _lung_2	0.16	0.08	-1	0.02
WM164 _skin_2	0.13	0.01	0.34	0.01
HT-29 _colon_4	0.11	0.04	0.06	0.01

NCI H1299 _lung_1	0.09	0.03	0.18	0.01
HT-29 _colon_3	0.04	0.01	0.18	0
C-33A _uterus_2	-1	0.01	-1	0.01
Colo320 _colon_2	-1	0.37	-1	0.34
DU-145 _prostate_2	-1	-1	-1	-1
H1975 _lung_1	-1	0.02	-1	0.04
H1975 _lung_2	-1	0.06	-1	0.05
HPAF-II _pancreas_2	-1	-1	-1	-1
HT-55 _colon_2	-1	0.32	-1	0.05
MCF-7 _breast_2	-1	0.05	-1	0.02
MiaPaCa2 _pancreas_2	-1	-1	-1	-1
MKN45 _gastric_1	-1	0	2.23	0
MKN45 _gastric_2	-1	-1	-1	-1
MX-1 _breast_2	-1	-1	-1	-1
NCI-H1650 _lung_2	-1	0.01	0.92	0.02
NCI-H1650 _lung_3	-1	-1	-1	-1
NCI-H1650 _lung_4	-1	-1	-1	0.05
NCI-H1975 _lung_4	-1	-1	-1	0.06
NCI-H838 _lung_2	-1	0.02	-1	0.07
SK-Mel28 _skin_1	-1	-1	-1	-1
SK-Mel28 _skin_2	-1	-1	-1	-1
SK-N-SH _brain_2	-1	0.02	-1	0.02
SW48 _colon_1	-1	0.05	-1	0.04
SW48 _colon_2	-1	0.02	-1	0.02
SW620 _colon_1	-1	0.02	-1	0.02