

Reagent type	Designation	Source	Reference	Host and Subclass	Clone name	Information
Antibody	anti-human CD28H (4-5)	Produced in house	Dr Cheng's Hybridoma	Armenian Hamster	4-5	Agonistic
Antibody	anti-mouse CTLA-4	Produced in house	Hybridoma	Armenian Hamster	UC10-4F10-11	i.e. isotype control
Antibody	anti-human CD16	Produced in house	Hybridoma	Mouse IgG1, κ	3G8	
Antibody	anti-human CD3	BD Bioscience	563546	Mouse IgG1, κ	UCHT1	Blocking
Antibody	anti-human CD56	BD Bioscience	556647	Mouse IgG1, κ	MY31	
Antibody	anti-human CD16,	BD Bioscience	561246	Mouse IgG1, κ	3G8	
Antibody	anti-human NKp46	BD Bioscience	562101	Mouse IgG1, κ	9E2	
Antibody	anti-human CD69	BD Bioscience	560738	Mouse IgG1, κ	FN50	
Antibody	anti-human Tim3	BD Bioscience	565566	Mouse IgG1, κ	7D3	
Antibody	anti-human IFNγ	BD Bioscience	560371	Mouse IgG1, κ	B27	
Antibody	anti-human CD137	Biolegend	309811	Mouse IgG1, κ	4B4-1	
Antibody	anti-human CD107a	Biolegend	328609, 563869	Mouse IgG1, κ	H4A3	
Antibody	anti-HHLA2	R&D Systems	AF8084	Goat IgG	polyclonal	Blocking
Antibody	anti-HHLA2	R&D Systems	FAB80841G	Mouse IgG1, κ	907812	
Antibody	anti-human CD28H	R&D Systems	953743	Mouse IgG2b	MAB83162	Cross-linking
Antibody	anti-Armenian Hamster	Invitrogen	12-4112-83	Goat	Polyclonal	
Antibody	anti-Armenian hamster	Jackson Immuno Research	127-065-160	Goat, IgG		Cross-linking
Antibody	anti-mouse IgG,F(ab') ₂ , fragment specific	Jackson Immuno Research	115 005 072	Goat, IgG		
Antibody	Anti-goat IgG	Thermofisher	A11055	Donkey IgG	Polyclonal	
Recombinant protein	IL-2	Cellgenix	001020-050			
Recombinant protein	HHLA2-Fc	R&D Systems	8084-B7	Produced in HEK-293		
Recombinant protein	CD28H-His	R&D Systems	9236-TR	Produced in HEK-293		
Recombinant protein	CD28H-Fc	R&D Systems	8316-TR	Produced in HEK-293		
Recombinant protein	KIR3DL3-Fc	R&D Systems	10104-KR	Produced in HEK-293		
Chemical	Viability Dye eFluor506	Thermofisher	65-0866-14			
Chemical	Fura Red™	Invitrogen	F3020			
Chemical	Calcein AM	Invitrogen	C3100MP			
Chemical	Probenecid	Invitrogen	P36400			
Chemical	Brefeldin A	Sigma-Aldrich	B6542-5MG			
Commercial kit	NK cell isolation kit	Miltenyi	130-092-657 130-127-695			
Beads	123count eBeads	Thermofisher	01-1234-42			

Table I : Resource table