10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD158g Antibody

Catalog # AP51784

Product Information

Application	WB
Primary Accession	Q14953
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33698

Additional Information

Gene ID	3810
Other Names	CD158G; NKAT9; Killer cell immunoglobulin-like receptor 2DS5; CD158 antigen-like family member G; MHC class I NK cell receptor; Natural killer-associated transcript 9; NKAT-9; CD158g
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD158g. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

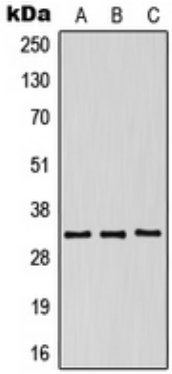
Protein Information

Name	KIR2DS5 {ECO:0000303|PubMed:18624290, ECO:0000312|HGNC:HGNC:6337}
Function	Activating natural killer (NK) receptor that recognizes C2 epitopes of HLA-C alleles. Bridging the innate and adaptive immune systems, NK cells express a number of cell surface receptors which either inhibit or stimulate their cytotoxicity (PubMed:18624290, PubMed:18682925, PubMed:28685972). Able to activate NK cells citotoxicity and cytokine production such as IFNG (PubMed:18624290, PubMed:24269691). Receptor functions are attenuated even lost in some alleles, such as KIR2DS5*002 represented in this entry (PubMed:28685972).
Cellular Location	Cell membrane; Single-pass type I membrane protein; Extracellular side
Tissue Location	Expressed on a discrete subset of peripheral blood NK cells.

References

Doehring C.,et al.Immunogenetics 44:227-230(1996).

Images



Western blot analysis of CD158g expression in HeLa (A), SP2/0 (B), NIHC3T3 (C) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.