

CD158g Antibody

Purified Rabbit Polyclonal Antibody (Pab)

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	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, KIR2DS5, CD158G, NKAT9
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	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
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.

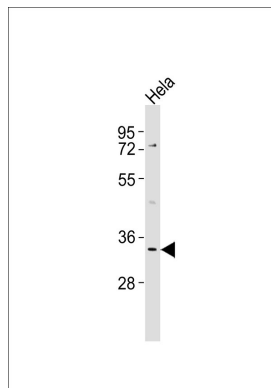
Background

Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.

References

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

Images



Anti-CD158g Antibody at 1:1000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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