





## KI2L2 Monoclonal Antibody

B1) (MHC class I NK cell receptor) (Natural killer cell receptor c) (Natural killer cell killer) (Natural killer cell killer) (Natural killer) (Natu		
Reactivity	Catalog No	YP-mAb-05685
Applications WB  Gene Name KIR2DL2 CD158B1 NKAT6  Protein Name Killer cell immunoglobulin-like receptor 2DL2 (CD158 antigen-like family member B1) (MKAT-6) (pS8 natural killer cell receptor) (Natural killer-associated transcript 6) (NKAT-6) (pS8 natural killer cell receptor c limmunogen Synthesized peptide derived from part region of human protein  Specificity KI2L2 Monoclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 38kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Natural killer cell  Function function:Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the active of NK cells thus preventing cell tysis, miscellaneous:PubMed:15580659, identifia a chromosomal rearrangement producing a recombinant gene composed of the promoter and first exon of KIR2D15 A fused to KIR3DP1 within was originally thought to be a pseudogene. This leads to the expression in 4.5 percent of a Spanish Caucasoid population of an mRNA which may encode a chimeric prote KIR2DL5AKIR3DP1, similarity:Belongs to the immunoglobulin-like) domains, sisual especificity:Expressed in peripheral blood cells.  Killer cell immunoglobulin-like receptors (KIRS) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster.	Isotype	IgG
Gene Name         KIR2DL2 CD158B1 NKAT6           Protein Name         Killer cell immunoglobulin-like receptor 2DL2 (CD158 antigen-like family membrosity) (MAT-6) (p58 natural killer cell receptor collaboration) (NKAT-6) (p58 natural killer cell receptor collaboration) (NKAT-6) (p58 natural killer cell receptor collaboration)           Immunogen         Synthesized peptide derived from part region of human protein           Specificity         KI2L2 Monoclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         38kD           Cell Pathway         Cell membrane; Single-pass type I membrane protein.           Tissue Specificity         Natural killer cell           Function         function:Receptor on natural killer (NK) cells for HLA-C alleles, Inhibits the active of NK cells thus preventing cell lysis, miscellaneous:PubMed:15580659, identifial a chromosomal rearrangement producing a recombinant gene composed of the promoter and first exon of KIR2DL5A fused to KIR3DP1 which was originally though to be a	Reactivity	Human;Rat;Mouse;
Protein Name  Killer cell immunoglobulin-like receptor 2DL2 (CD158 antigen-like family member B1) (MHC class I NK cell receptor) (Natural killer-associated transcript 6) (NKAT-6) (p58 natural killer cell receptor c  Immunogen  Synthesized peptide derived from part region of human protein  Specificity  KI2L2 Monoclonal Antibody detects endogenous levels of protein.  Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source  Monoclonal, Mouse,IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-1:2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  38kD  Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Tissue Specificity  Natural killer cell  function:Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the active of NK cells thus preventing cell lysismiscellaneous:PubMed:15580659, identifia a chromosomal rearrangement producing a recombinant gene composed of the promoter and first exon of KIR2D1-5A fused to KIR3DP1 which was originally thought to be a pseudogene. This leads to the expression in 4.5 percent of a Spanish Caucasoid population of am RNA which may encopianally in uperfamily.similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains, tissue specificity:Expressed in peripheral blood cells.  Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are poplymorphic and highly homologous and they are found in a cluster of the specific production and the peripheral blood cells.	Applications	WB
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	Background	Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The



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gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the

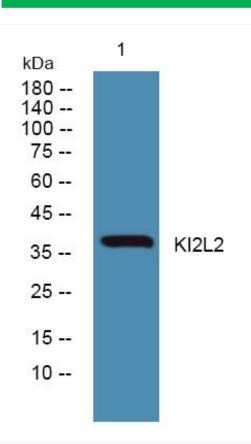
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using KI2L2 Monoclonal Antibody