



KI2S2 Polyclonal Antibody

Catalog No	YP-Ab-07289
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	KIR2DS2 CD158J NKAT5
Immunogen	Synthesized peptide derived from human protein . at AA range: 131-180
Specificity	KI2S2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KI2S2;KIR2DS2 CD158J NKAT5;Killer cell immunoglobulin-like receptor 2DS2 (CD158 antigen-like family member J) (MHC class I NK cell receptor) (NK receptor 183 Act1) (Natural killer-associated transcript 5) (NKAT-5) (p58 natural
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Blood,Lymphoid,Natu
Function	function:Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.,similarity:Belongs to the immunoglobulin superfamily., similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,
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 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

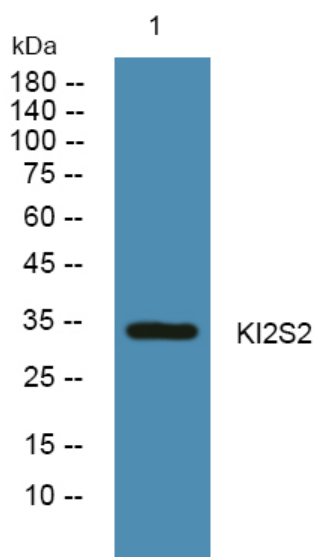
matters needing attention

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 lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night