

Anti-KIR3DL1 antibody

Cat. No.	ml125882
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-KIR3DL1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human KIR3DL1
Reactivity	Human
Content	1.86 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KIR3DL1
Full name	killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 1
Synonyms	KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1
Swissprot	P43629

Target Background

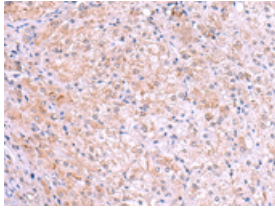
Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene 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 ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules; thus, KIR proteins are thought to play an important role in regulation of the immune response.

订购热线: 4008-898-798

Applications

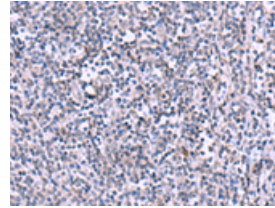
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml125882(KIR3DL1 Antibody) at dilution 1/105, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm
Positive control: Human tonsil
Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml125882(KIR3DL1 Antibody) at dilution 1/105, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 49 kDa
Positive control: Human fetal liver tissue and Human liver tissue lysates
Recommended dilution: 1000-5000

Gel: 8%SDS-PAGE

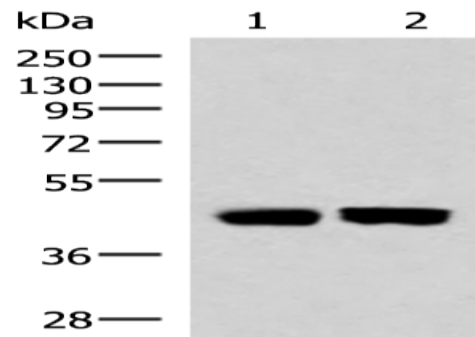
Lysate: 40 μ g

Lane 1-2: Human fetal liver tissue and Human liver tissue lysates

Primary antibody: ml125882(KIR3DL1 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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