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32-6131: Mouse Anti Human Killer Cell Immunoglobulin-Like Receptor, 2 Domains Long Cytoplasmic Tail 1(Clone:P2F9AT.)

Clonality :	Monoclonal
Clone Name :	P2F9AT.
Application :	ELISA,WB ,IP
Gene :	KIR2DL1
Gene ID :	3802
Uniprot ID :	P43626
Format :	Purified
Alternative Name :	Killer cell immunoglobulin-like receptor 2DL1,MHC class I NK cell receptor,Natural killer-associated transcript 1,NKAT-1,p58 natural killer cell receptor clones CL-42/47.11,p58 NK receptor,p58.1 MHC class-I-specific NK receptor,CD158 antigen-l
Isotype :	Mouse IgG2a heavy chain and ? light chain.
Immunogen Information :	Anti-human KIR2DL1 mAb is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human KIR2DL1 amino acids 23-223 purified from E. coli.

Description

Killer-cell immunoglobulin-like receptors (KIRs), are a family of cell surface glycoproteins found on Natural Killer (NK) Cells, which are important cells of the immune system. They control the killing function of these cells by interacting with MHC class I molecules, which are expressed on all cell types. This interaction allows them to identify virally infected cells or tumor cells that have a distinctive low level of Class I MHC on their surface. The majority of KIRs are inhibitory, which means that their recognition of MHC suppresses the cytotoxic activity of their NK cell. Only a limited number of KIRs have the capacity to activate cells. The KIR genes are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). KIR molecules are extremely polymorphic, meaning their gene sequences differ significantly between individuals, so that different individuals have different arrays/repertoires of KIR genes. The KIR proteins are categorized by the number of

Product Info

Amount :	20 µg
Purification :	KIR2DL1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

KIR2DL1 antibody has been tested by ELISA, Western blot and immunoprecipitation analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:500.