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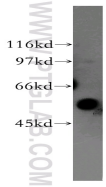
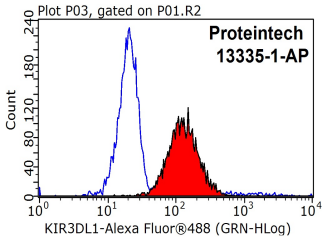
KIR3DL1 Polyclonal Antibody

Catalog number: 13335-1-AP
Size: 35 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
KIR3DL1; CD158E, CD158E1, KIR, KIR3DL1, MHC class I NK cell receptor, NKAT 3, NKAT3, NKB1, NKB1B, p70 NK receptor CL 2/CL 11



human liver tissue were subjected to SDS PAGE followed by western blot with 13335-1-AP(KIR3DL1 antibody) at dilution of 1:500



1X10^6 Jurkat cells were stained with 0.2ug KIR3DL1 antibody (13335-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.

Background

Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. 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. KIR3DL1 is a receptor on natural killer (NK) cells for HLA Bw4 allele. It inhibits the activity of NK cells thus preventing cell lysis. KIR3DL1 and KIR3DS1 are highly homologous. This antibody is raised against 22-344 amino acids of human KIR3DL1 and recognizes both KIR3DL1 (49 kDa) and KIR3DS1 (43 kDa).

Applications

Tested applications:	**ELISA, WB, FC**
Species specificity:	**Human; other species not tested.**
Caculated KIR3DL1 MW:	**444aa,49 kDa**
Observed KIR3DL1 MW:	**49 kDa**
Positive WB detected in	**Human liver tissue**
Positive FC detected in	**Jurkat cells**
Recommended dilution:	**WB: 1:200-1:2000**
	FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag4152**
GenBank accession number:	**BC028206**
Gene ID (NCBI):	**3811**
Full name:	**Killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**