

KIR2DL2 polyclonal antibody

Catalog: BS60168

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

NKAT (NK-associated transcripts) gene products, known as killer immunoglobulin-like receptors or KIRs, down-regulate the cytotoxicity of NK cells upon recognition of specific class I major histocompatibility complex (MHC) molecules on target cells. This family of receptors is characterized by an extracellular region with two to three immunoglobulin superfamily domains and a cytoplasmic domain with an antigen receptor activation motif (ARAM). KIRs and other inhibitory receptors also possess a common cytoplasmic sequence (I/VxYxxL/V) known as an ITIM (immunoreceptor tyrosine-based inhibitory motif). The human inhibitory natural killer cell immunoglobulin-like receptor 2DL1, also designated KIR2DL1, CL-42, NKAT1, P58.1 or CD158a long form, is a 348 amino acid type I transmembrane protein. KIR2DL1 can bind human leukocyte antigen-C (HLA-C) via both polar and hydrophobic interactions through Met 44 in a binding pocket that coordinates Lys 80 of HLA-C.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 34 kDa

Swiss-Prot:

P43627

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

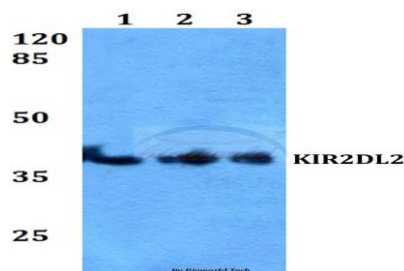
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

KIR2DL2 polyclonal antibody detects endogenous levels of KIR2DL2 protein.

DATA:



Western blot (WB) analysis of KIR2DL2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Mouse liver tissue lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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