antibodies -online.com





anti-KIR3DL1 antibody



Image



Go to Product page

| () | 1 / | - | r٧ | / 1 | 0 | A . |
|--------|-----|----------|------|-----|--------|-----|
| | 1// | \vdash | 1 \/ | / I | _ | ۱/۱ |
| \sim | ٧. | \sim | 1 V | | \sim | V١ |

| Quantity: | 60 μL |
|--------------|--|
| Target: | KIR3DL1 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIR3DL1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | Recombinant fusion protein of human KIR3DL1 (NP_037421.2). |
|------------------|--|
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| Target: | KIR3DL1 |
|-------------------|---|
| Alternative Name: | KIR3DL1 (KIR3DL1 Products) |
| 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.

Molecular Weight:

Observed_MW: 48 kDa

Calculated_MW: 38 kDa/49 kDa

Gene ID:

3811

UniProt:

P43629

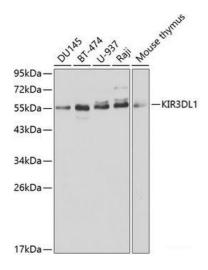
Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using KIR3DL1 Polyclonal Antibody at dilution of 1:1000.