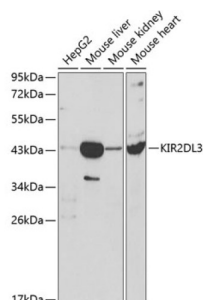
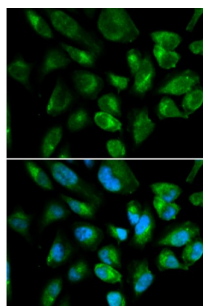


## Killer Cell Immunoglobulin Like Receptor 2DL3 (KIR2DL3) Antibody

Catalogue No.: abx001423



Western blot analysis of extracts of various cell lines using KIR2DL3 Antibody (1/1000 dilution).



Immunofluorescence analysis of HepG2 cells using KIR2DL3 Antibody

KIR2DL3 Antibody is a Rabbit Polyclonal antibody against KIR2DL3. 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. [provided by RefSeq, Jul 2008].

**Target:** Killer Cell Immunoglobulin Like Receptor 2DL3 (KIR2DL3)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

# Datasheet

Version: 4.0.0  
Revision date: 07 Jun 2025



|                            |  |
|----------------------------|--|
| <b>Immunogen:</b>          | Recombinant fusion protein corresponding to human KIR2DL3  |
| <b>Isotype:</b>            | IgG  |
| <b>Form:</b>               | Liquid   |
| <b>Purification:</b>       | Purified by affinity chromatography.   |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.   |
| <b>UniProt Primary AC:</b> | P43628 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )  |
| <b>Gene Symbol:</b>        | KIR2DL3  |
| <b>GeneID:</b>             | <a href="#">3804</a>   |
| <b>NCBI Accession:</b>     | NP_056952.2  |
| <b>KEGG:</b>               | hsa:3804   |
| <b>String:</b>             | <a href="#">9606.ENSP00000342215</a>   |
| <b>Molecular Weight:</b>   | Calculated MW: 27 kDa/37 kDa<br>Observed MW: 45 kDa  |
| <b>Buffer:</b>             | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.  |
| <b>Concentration:</b>      | 1 mg/ml  |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |