

Datasheet for ABIN2790294  
**anti-KIR2DL5B antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	KIR2DL5B
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DL5B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human KIR2DL5B
Sequence:	DQDPQEVTYA QLDHCVFTQT KITSPSQRPK APPTDTTMYM ELPNAKPRSL
Predicted Reactivity:	Human: 100%, Pig: 91%
Characteristics:	This is a rabbit polyclonal antibody against KIR2DL5B. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	KIR2DL5B
Alternative Name:	KIR2DL5B ( <a href="#">KIR2DL5B Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alias Symbols: KIR2DL5, KIR2DL5.2, KIR2DLX</p> <p>Protein Size: 375</p>
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Molecular Weight:	38 kDa
Gene ID:	553128
NCBI Accession:	<a href="#">NM_001018081</a> , <a href="#">NP_001018091</a>
UniProt:	<a href="#">Q8NHK4</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 375 AA
Restrictions:	For Research Use only

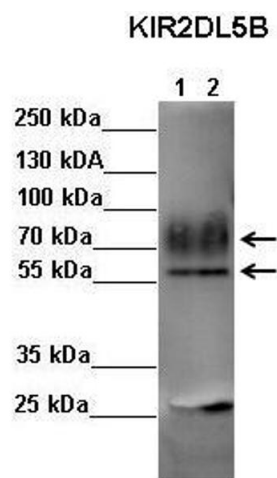
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** Sample Type: Lane 1: FLAG IP'd FLAG-KIR2DL4 transfected NK92 cells Lane 2: FLAG IP'd FLAG-KIR2DL5 transfected NK92 cells

Primary Antibody Dilution: 1:500

Secondary Antibody: Anti-rabbit-HRP

Secondary Antibody Dilution: 1:00,000 Color/Signal

Descriptions: KIR2DL5B

Gene Name: Kerry S. Campbell, Institute for Cancer Research.

Submitted by: