

Datasheet for ABIN2774436  
**anti-KIR2DL5A antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	KIR2DL5A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DL5A 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 KIR2DL5A
Sequence:	QLDHCVFTQT KITSPSQRPK TPPTDTTMYM ELPNAKPRSL SPAHKHHSQA
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against KIR2DL5A. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	KIR2DL5A
Alternative Name:	KIR2DL5A ( <a href="#">KIR2DL5A 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: CD158F, KIR2DL5, KIR2DL5.1, KIR2DL5.3</p> <p>Protein Interaction Partner: PTPN6, PTPN11,</p> <p>Protein Size: 375</p>
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Molecular Weight:	41 kDa
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Gene ID:	57292
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NCBI Accession:	<a href="#">NM_020535</a> , <a href="#">NP_065396</a>
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UniProt:	<a href="#">Q8N109</a>
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## Application Details

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

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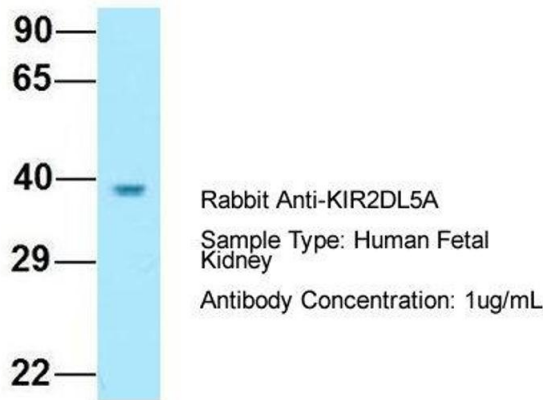
Preservative:	Sodium azide
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Handling

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

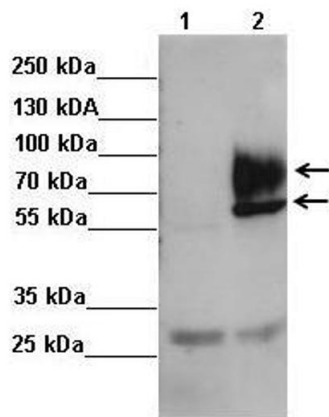
KIR2DL5A



Western Blotting

**Image 1.** Host: Rabbit  
Target Name: KIR2DL5A  
Sample Tissue: Human Fetal Kidney  
Antibody Dilution: 1.0 µg/mL

KIR2DL5A



Western Blotting

**Image 2.** Sample Type: Lane 1: FALG IP'd FLAG-KIR2DL4 transfected NK92 cells Lane 2: FALG 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: KIR2DL5A  
Gene Name: Kerry S. Campbell, Institute for Cancer Research.

Submitted by: