

Datasheet for ABIN652985

anti-KIR2DL4/CD158d antibody (C-Term)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	KIR2DL4/CD158d (KIR2DL4)
Binding Specificity:	AA 296-323, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DL4/CD158d antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This KIR2DL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-323 amino acids from the C-terminal region of human KIR2DL4.
Clone:	RB23034
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KIR2DL4/CD158d (KIR2DL4)
Alternative Name:	KIR2DL4 (KIR2DL4 Products)

Target Details

Background:	KIR2DL4 is killer cell immunoglobulin-like receptors (KIRs) which 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).
Molecular Weight:	41487
Gene ID:	3805
NCBI Accession:	NP_001074239 , NP_002246
UniProt:	Q99706

Application Details

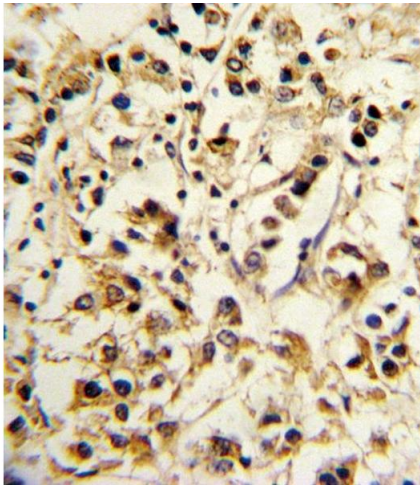
Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

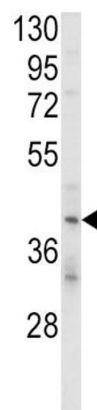
Publications

Product cited in:	Wi?niewski, Kowal, Wyrodek, Nowak, Majorczyk, Wagner, Pawlak-Adamska, Jankowska, ?lesak, Frydecka, Ku?nierczyk: "Genetic polymorphisms and expression of HLA-G and its receptors, KIR2DL4 and LILRB1, in non-small cell lung cancer." in: Tissue antigens , Vol. 85, Issue 6, pp. 466-75, (2015) (PubMed).
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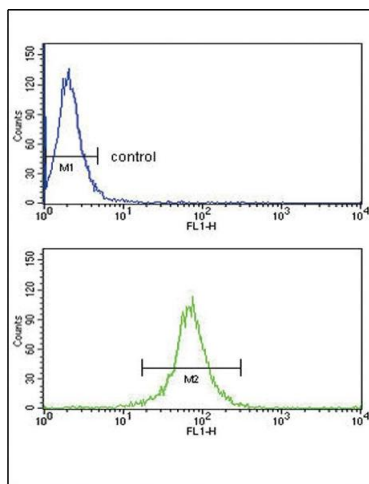
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma reacted with KIR2DL4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of KIR2DL4 Antibody (C-term) (ABIN652985 and ABIN2842625) in MDA-M cell line lysates (35 µg/lane). KIR2DL4 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. KIR2DL4 Antibody (C-term) (ABIN652985 and ABIN2842625) flow cytometry analysis of MDA-M cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.