

Rabbit anti-Human KIR2DL4 Polyclonal Antibody | anti-KIR2DL4 antibody

KIR2DL4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286520	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

KIR2DL4; Polyclonal Antibody; KIR2DL4 Antibody (C-term); Killer cell immunoglobulin-like receptor 2DL4; CD158 antigen-like family member D; G9P; Killer cell inhibitory receptor 103AS; KIR-103AS; MHC class I NK cell receptor KIR103AS; CD158d; CD158D; KIR103AS; anti-KIR2DL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	296-323
Sequence Length	342
Applicable Applications for anti-KIR2DL4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

KIR2DL4 Antibody (C-term) flow cytometry analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

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.



WB (Western Blot)

Western blot analysis of KIR2DL4 Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). KIR2DL4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KIR2DL4 antibody	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).
Product Categories/Family for anti-KIR2DL4 antibody	Immunology
References	Hollenbach,J.A., et.al., Tissue Antigens (2010) In press Varla-Leftherioti,M., et.al., Tissue Antigens (2010) In press

NCBI AND UNIPROT INFORMATION

NCBI GI #	124107610
NCBI GeneID	3805
NCBI Accession #	NP_001074239.1; NP_002246.5
NCBI GenBank Nucleotide #	NM_001080770.1
UniProt Accession #	Q99706; O14621; O14622; O14623; O14624; O43534; P78400; P78401; Q8N738; Q99559; Q99560; A8W795
Molecular Weight	41487
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DL4 isoform c
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4
NCBI Official Symbol	KIR2DL4
NCBI Official Synonym Symbols	G9P; CD158D; KIR103; KIR103AS; KIR-103AS
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DL4
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DL4
UniProt Gene Name	KIR2DL4
UniProt Synonym Gene Names	CD158D; KIR103AS; KIR-103AS
UniProt Entry Name	KI2L4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kir2dl4-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/286520>