

Rabbit anti-Human KLRD1 Polyclonal Antibody | anti-KLRD1 antibody

KLRD1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285429	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

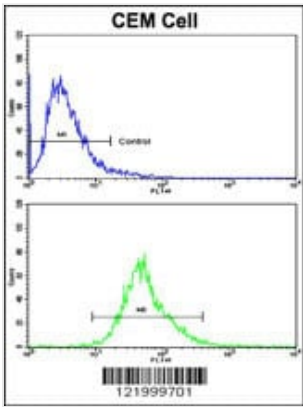
PRODUCT SYNONYMS

KLRD1; Polyclonal Antibody; KLRD1 Antibody (N-term); Natural killer cells antigen CD94; KP43; Killer cell lectin-like receptor subfamily D member 1; NK cell receptor; CD94; anti-KLRD1 antibody

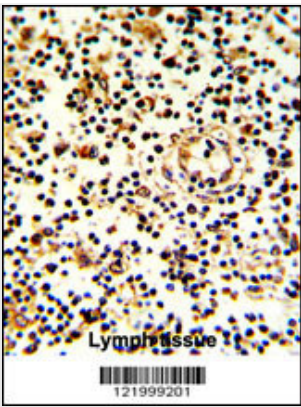
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLRD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-57 amino acids from the N-terminal region of human KLRD1.
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: 0.476 (varies by lot)
Sequence Positions	31-57
Sequence Length	148
Applicable Applications for anti-KLRD1 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.

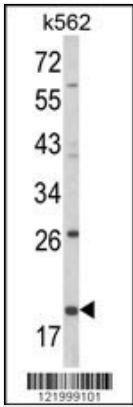
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of CEM cells using KLRD1 Antibody (N-term)(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 lymph with KLRD1 Antibody (N-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 KLRD1 Antibody (N-term) in K562 cell line lysates (35ug/lane). KLRD1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLRD1 antibody	KLRD1 plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.
Product Categories/Family for anti-KLRD1 antibody	Immunology
References	Chang,C., et.al., Eur. J. Immunol. 25 (9), 2433-2437 (1995) Rodriguez,A., et.al., Immunogenetics 47 (4), 305-309 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614498
NCBI GeneID	3824
NCBI Accession #	NP_001107868.1; NP_002253.1; NP_031360.1
NCBI GenBank Nucleotide #	NM_001114396.1
UniProt Accession #	Q13241; O43321; O43773; Q9UBE3; Q9UEQ0
Molecular Weight	20513

NCBI Official Full Name	natural killer cells antigen CD94 isoform 1
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily D, member 1
NCBI Official Symbol	KLRD1
NCBI Official Synonym Symbols	CD94
NCBI Protein Information	natural killer cells antigen CD94
UniProt Protein Name	Natural killer cells antigen CD94
UniProt Gene Name	KLRD1
UniProt Synonym Gene Names	CD94
UniProt Entry Name	KLRD1_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/klrd1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285429>