

## 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 |

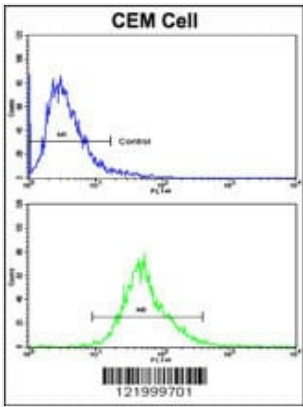
### PRODUCT SYNONYMS

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

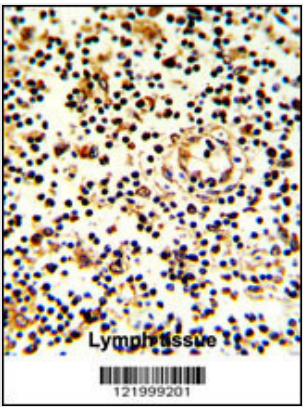
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                       |

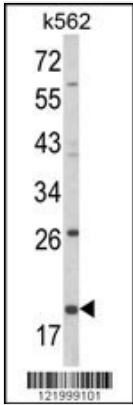
IMAGES



**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)<br>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                | <b>KLRD1</b>                                           |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/kldr1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285429>