

Rabbit KLRD1 Polyclonal Antibody | anti-KLRD1 antibody

KLRD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326535	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

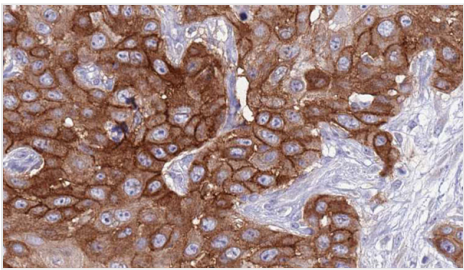
PRODUCT SYNONYMS

KLRD1; Polyclonal Antibody; KLRD1 Antibody; CD 94; CD94; CD94 antigen; Killer cell lectin like receptor subfamily D member 1; Killer cell lectin-like receptor subfamily D member 1; KLRD 1; KLRD1 protein; KLRD1_HUMAN; KP 43; KP43; Natural killer cells antigen CD94; NK cell receptor; OTTHUMP00000238754; OTTHUMP00000238755; OTTHUMP00000238756; OTTHUMP00000238758; OTTHUMP00000239093; anti-KLRD1 antibody

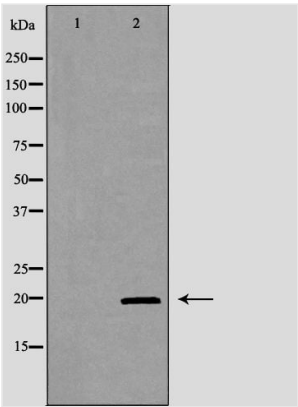
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KLRD1 antibody detects endogenous levels of total KLRD1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	179
Applicable Applications for anti-KLRD1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KLRD1
Subcellular Location	Membrane.
Tissue Specificity	Natural killer cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA326535 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of K562, using KLRD1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KLRD1 antibody	Description: Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Function: Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Subunit Structure: Can form disulfide-bonded heterodimer with NKG2 family members.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614498
NCBI GeneID	3824
NCBI Accession #	NP_001107868.1
NCBI GenBank Nucleotide #	NM_001114396.1
UniProt Accession #	Q13241; O43321; O43773; Q9UBE3; Q9UEQ0
Molecular Weight	Observed: 20 kDa Predicted: 21 kDa
NCBI Official Full Name	natural killer cells antigen CD94 isoform 1
NCBI Official Synonym Full Names	killer cell lectin like receptor D1
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

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.

