

Rabbit anti-Human KLRC2 Polyclonal Antibody | anti-KLRC2 antibody

KLRC2 Antibody (N-term)

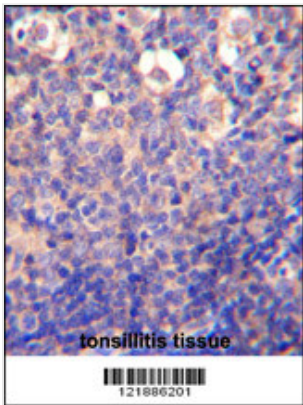
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288981	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

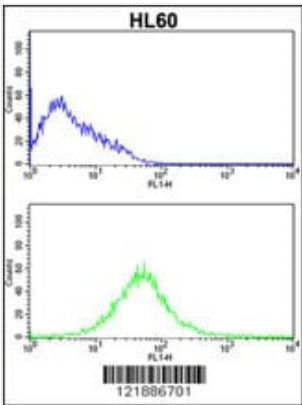
KLRC2; Polyclonal Antibody; KLRC2 Antibody (N-term); NKG2-C type II integral membrane protein; CD159 antigen-like family member C; NK cell receptor C; NKG2-C-activating NK receptor; CD159c; NKG2C; anti-KLRC2 antibody

PRODUCT SPECIFICATIONS

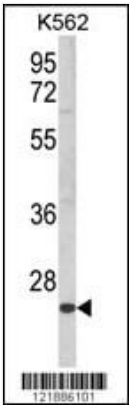
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLRC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human KLRC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	1-30
Sequence Length	231
Applicable Applications for anti-KLRC2 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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.



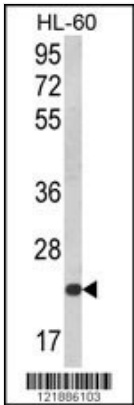
IHC (Immunohistochemistry)
KLRC2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsillitis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KLRC2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



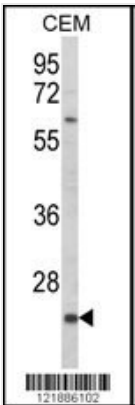
FCM/FACS (Flow Cytometry)
KLRC2 Antibody (N-term) flow cytometric analysis of HL60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of KLRC2 Antibody (N-term) in K562 cell line lysates (35ug/lane). KLRC2 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of KLRC2 Antibody (N-term) in HL-60 cell line lysates (35ug/lane). KLRC2 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of KLRC2 Antibody (N-term) in CEM cell line lysates (35ug/lane). KLRC2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLRC2 antibody	KLRC2 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-KLRC2 antibody	Immunology

References	Seo,J., et.al., Tissue Antigens 70 (4), 307-313 (2007) Park,K.S., et.al., Tissue Antigens 72 (4), 342-346 (2008)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709169
NCBI GeneID	3822
NCBI Accession #	NP_002251.2
NCBI GenBank Nucleotide #	NM_002260.3
UniProt Accession #	P26717; O43802; Q52M74; Q9NR42
Molecular Weight	26072
NCBI Official Full Name	NKG2-C type II integral membrane protein
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily C, member 2
NCBI Official Symbol	KLRC2
NCBI Official Synonym Symbols	NKG2C; CD159c; NKG2-C
NCBI Protein Information	NKG2-C type II integral membrane protein
UniProt Protein Name	NKG2-C type II integral membrane protein
UniProt Gene Name	KLRC2
UniProt Synonym Gene Names	NKG2C
UniProt Entry Name	NKG2C_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.