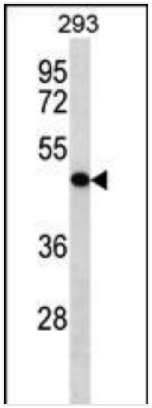
KLRG2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLRG2, Polyclonal Antibody
Full Product Name	KLRG2, NT (KLRG2, CLEC15B, Killer cell lectin-like receptor subfamily G member 2, C-type lectin domain family 15 member B) (Azide free) (HRP)
Product Gene Name	anti-KLRG2 antibody
Product Synonym Names	KLRG2; CLEC15B; Killer cell lectin-like receptor subfamily G member 2; C-type lectin domain family 15 member B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human KLRG2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	32,212 Da
3D Structure	ModBase 3D Structure for A4D1S0
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 20-49 in the N-terminal region of human KLRG2, UniProt Accession #A4D1S0.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-KLRG2 antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-KLRG2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-KLRG2 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KLRG2 antibody	MBS6314396 is an antibody targeting KLRG2. Also known as KLRG2, NT (KLRG2, CLEC15B, Killer cell lectin-like receptor subfamily G member 2, C-type lectin domain family 15 member B) (Azide free) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-KLRG2 antibody	Kimura, K., et al. Genome Res. 16(1):55-65(2006).
Other Notes	Small volumes of anti-KLRG2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-KLRG2 antibody
Western Blot analysis in 293 cell line lysates (35ug/lane) usingMBS6000482.This demonstrates the KLRG2 antibody detected the KLRG2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLRG2. It may not necessarily be applicable to this product.

NCBI GI #	38348332
NCBI GeneID	346689
NCBI Accession #	NP_940910.1
UniProt Primary Accession #	A4D1S0
UniProt Secondary Accession #	Q2NL79; Q6ZTV6
UniProt Related Accession #	A4D1S0
GenBank Nucleotide #	NM_198508.2
NCBI Official Full Name	killer cell lectin-like receptor subfamily G member 2
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily G, member 2
NCBI Official Symbol	KLRG2
NCBI Official Synonym Symbols	CLEC15B
UniProt Protein Name	Killer cell lectin-like receptor subfamily G member 2
UniProt Synonym Protein Names	C-type lectin domain family 15 member B
Protein Family	Killer cell lectin-like receptor subfamily
UniProt Gene Name	KLRG2
UniProt Synonym Gene Names	CLEC15B
UniProt Entry Name	KLRG2_HUMAN
NCBI Protein Information	killer cell lectin-like receptor subfamily G member 2
UniProt Comments for KLRG2	KLRG2: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 7q34 Cellular Component: integral to membrane Molecular Function: carbohydrate binding

Research Articles on KLRG2	**1.** Genetic variants in the gene KLRG2 may affect Gleason score at diagnosis and hence the aggressiveness of prostate cancer.
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