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anti-KLRC1 antibody (AA 96-215)



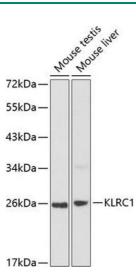


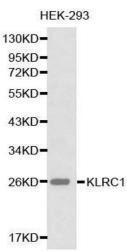
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Quantity:	100 μL
Target:	KLRC1
Binding Specificity:	AA 96-215
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLRC1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 96-215 of human KLRC1 (NP_015567.1).
Sequence:	RHCGHCPEEW ITYSNSCYYI GKERRTWEES LLACTSKNSS LLSIDNEEEM KFLSIISPSS WIGVFRNSSH HPWVTMNGLA FKHEIKDSDN AELNCAVLQV NRLKSAQCGS SIIYHCKHKL
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Target Details	
Target:	KLRC1

Target Details

Alternative Name:	KLRC1 (KLRC1 Products)
Background:	Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-
	infected cells without previous activation. They can also regulate specific humoral and cell-
	mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like
	receptor family, also called NKG2 family, which is a group of transmembrane proteins
	preferentially expressed in NK cells. This family of proteins is characterized by the type II
	membrane orientation and the presence of a C-type lectin domain. This protein forms a
	complex with another family member, KLRD1/CD94, and has been implicated in the recognition
	of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a
	killer cell lectin-like receptor gene cluster on chromosome 12. Multiple alternatively spliced
	transcript variants encoding distinct isoforms have been
	observed.,KLRC1,CD159A,NKG2,NKG2A,Immunology & Inflammation,CD markers,KLRC1
Molecular Weight:	24 kDa/26 kDa
Gene ID:	3821
UniProt:	P26715
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KLRC1 antibody (ABIN3021798, ABIN3021799, ABIN3021800 and ABIN6215936) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 5 min.

Western Blotting

Image 2. Western blot analysis of HEK-293 cell lysate using KLRC1 antibody.