

## Product datasheet for **TA392969**

### CD161 (KLRB1) Mouse Polyclonal Antibody

#### Product data:

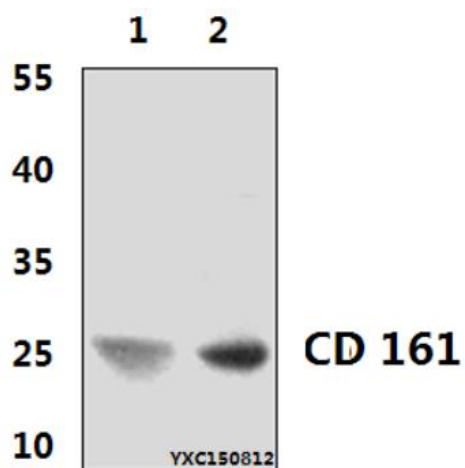
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:2000 IHC: 1:50~1:200
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids of Human CD161.
Specificity:	CD161 (3F8) mAb detects endogenous levels of CD161 protein.
Formulation:	1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 25 kDa
Gene Name:	killer cell lectin like receptor B1
Database Link:	<a href="#">Q12918</a>
Background:	Natural killer (NK) and T cells express a superfamily of proteins with structural features of C-type lectins. T cells bearing natural killer receptors (NKR) such as CD94 and CD161 are present in psoriasis. CD161 mediates NK cell activation and functions as an activating receptor. CD161 is a prototypic marker of NK cells, although it is also found on a subset of CD8+ T cells. The expression of NK receptors on CD8+ T cells can be considered a marker of cytotoxic effector T cells that are expanded in vivo after antigenic activation leading to extensive proliferation. The transcription, mRNA accumulation, and surface expression of CD161, a molecule involved in triggering cytotoxicity, is specifically upregulated by IL-12.
Synonyms:	C-type lectin domain family 5 member B; CD161; HNKR-P1a; Killer cell lectin-like receptor subfamily B member 1; Natural killer cell surface protein P1A; NKR-P1A



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Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of CD 161 (NKR-PIA) mAb at 1:2000 dilution Lane1: The Peripheral blood lysate of Rat(40µg) Lane2: The Liver tissue lysate of Rat(40µg)