

Product datasheet for **AM20021PU-N**

CD161 (KLRB1) Mouse Monoclonal Antibody [Clone ID: HP-3G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HP-3G10
Applications:	FC, WB
Recommended Dilution:	Flow cytometry. Western blot.
Reactivity:	Human, Primate
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human NK cells
Specificity:	This antibody recognizes CD161, a type II transmembrane C-type lectin receptor, expressed on the plasma membrane of NK cells, dendritic cells, activated monocytes and a subset of T cells as a disulphide-linked homodimer.
Formulation:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	killer cell lectin like receptor B1
Database Link:	Entrez Gene 3820 Human Q12918



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Background: CD161, also known as Nkrp1 (natural killer receptor protein 1) or Klrb1 (killer cell lectin-like receptor subfamily b member 1), is a disulphide-linked homodimeric receptor, which is involved in regulation of NK cell and NKT cell function. It is expressed on a majority of NK cells, NKT cells, and e.g. Th17 cells and CD3+ thymocytes. Although rat CD161 has three isoforms (a, b, c), the human CD161 is expressed as one isoform.

Synonyms: HNKRP1a, CLEC5B, NKRP1A