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30-2311: Anti-CD161 Monoclonal Antibody (Clone:10/78)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	10/78
Application :	FACS
Reactivity :	Rat
Conjugate :	PE
Gene :	Klrb1a
Gene ID :	362443
Uniprot ID :	P27471
Alternative Name :	Antigen 3.2.3, CD161 antigen-like family member A, Natural killer cell surface protein P1-3.2.3, CD161a, Nkrp1a
Isotype :	Mouse IgG1
Immunogen Information :	Splenic cells purified from the LEW rat

Description

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 rat NK cells, subset of T cells, dendritic cells, and activated monocytes. Although human CD161 is expressed as one isoform, the rat CD161 has three isoforms, referred to as CD161a, b, and c. These proteins contain C-terminal C-type lectin extracellular domain, a transmembrane domain, and N-terminal intracellular domain, which contains ITIM motif, such as CD161b, and displays inhibitory function, or does not contain ITIM motif, thus also not the inhibitory function, such as CD161a.

Product Info

Amount :	0.1 mg
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.