

### 30-1464: Anti-CD161 Monoclonal Antibody (Clone:10/78)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	10/78
<b>Application :</b>	FACS
<b>Reactivity :</b>	Rat
<b>Gene :</b>	Klrb1a
<b>Gene ID :</b>	362443
<b>Uniprot ID :</b>	P27471
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Antigen 3.2.3, CD161 antigen-like family member A, Natural killer cell surface protein P1-3.2.3, CD161a, Nkrp1a
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.