

Monoclonal Antibody to CD161 / KLRB1 - PE

Alternate names:	C-type lectin domain family 5 member B, CLEC5B, HNKRP1a, Killer cell lectin-like receptor subfamily B member 1, NKR-P1A, Natural killer cell surface protein P1A
Catalog No.:	SM1611R
Quantity:	100 Tests
Background:	CD161 is expressed by almost all NK cells and with a small subset of CD3+ve T cells. CD161 is a homodimeric cell surface protein, comprising two chains of 40-44kD.
Uniprot ID:	Q12918
NCBI:	NP_002249.1
GeneID:	3820
Host / Isotype:	Mouse / IgG2b
Clone:	B199.2
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the mouse P2X63.Ag8.653 myeloma cell line.
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1 ml distilled water
Applications:	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD161 cell surface antigen. Clone B199.2 recognises a similar epitope to the DX9 monoclonal antibody. Species: Human. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Bennett, I.M. et al. (1996) Definition of natural killer NKR-PIA+/CD56-/CD16- functionally immature human NK cell subset that differentiates in vitro in the presence of interleukin 12. J. Exp. Med. 184: 1845-1856. 2. Azzoni, L. et al. (1998) Differential transcriptional regulation of CD161 and a novel gene, 197/15a, by IL-2, IL-15, and IL-12 in NK and T cells. J. Immunol. 161: 3493-3500.

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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