

Mouse Monoclonal Antibody to CD161

Catalogue Number sAP-1746

Target Molecule **Name:** CD161

Aliases: KLRLB1; NKR; CLEC5B; NKR-P1; NKRP1A; NKR-P1A; hNKR-P1A

MW: 25.4kDa

Entrez Gene ID: 3820

Description Natural killer (NK) cells are lymphocytes that mediate cytotoxicity and secrete cytokines after immune stimulation. Several genes of the C-type lectin superfamily, including the rodent NKRP1 family of glycoproteins, are expressed by NK cells and may be involved in the regulation of NK cell function. The KLRLB1 protein contains an extracellular domain with several motifs characteristic of C-type lectins, a transmembrane domain, and a cytoplasmic domain. The KLRLB1 protein is classified as a type II membrane protein because it has an external C terminus.

Immunogen Purified recombinant fragment of human CD161 (AA: extra 67-225) expressed in E. Coli.

Reactive Species Human;

Clone MM4C6A11

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1.Biol Blood Marrow Transplant. 2015 Mar;21(3):421-8.2.Cell Immunol. 2011;269(2):74-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**