

# APC Rabbit anti-Human CD161 mAb

Catalog No.: A26051

## Basic Information

### Observed MW

**Calculated MW**  
25kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Human

**CloneNo number**  
ARC66022-APC

**Conjugate**  
APC. Ex:650nm. Em:660nm.

## Background

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 NKR1 family of glycoproteins, are expressed by NK cells and may be involved in the regulation of NK cell function. The KLRB1 protein contains an extracellular domain with several motifs characteristic of C-type lectins, a transmembrane domain, and a cytoplasmic domain. The KLRB1 protein is classified as a type II membrane protein because it has an external C terminus.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Immunogen Information

Gene ID	Swiss Prot
3820	Q12918

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 67-225 of human CD161 (NP\_002249.1).

### Synonyms

NKR; CD161; CLEC5B; NKR-P1; NKR1A; NKR-P1A; hNKR-P1A

## Contact

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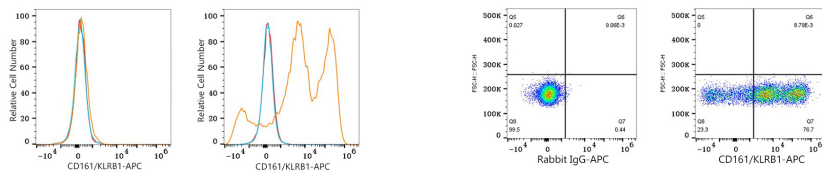
## Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with APC Rabbit anti-Human CD161/KLRB1 mAb (A26051,5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173,5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  293T (Transfection) cells were surface-stained with APC Rabbit IgG isotype control (A24173,5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD161/KLRB1 mAb (A26051,5  $\mu$ l/Test, right).