

PerCP/Cyanine 5.5 Anti-Rat CD161 Antibody[QA19A15]

Catalog Number: AN00664J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

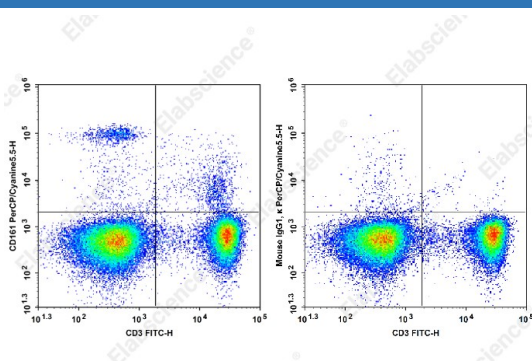
Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	QA19A15
Isotype Control	PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of Rat splenocytes cells with FITC Anti-Rat CD3 Antibody and PerCP/Cyanine5.5 Anti-Rat CD161 Antibody[QA19A15] (left) or PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CD161;NKR-P1;CD161a/CD161b;NKR-P1a/KLRB1a
Uniprot ID	P27471
Gene ID	362443

For Research Use Only

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Rev. V1.3

Background

QA19A15 recombinant monoclonal antibody recognizes the rat killer cell lectin-like receptor subfamily B member1 protein, also known as CD161. CD161 is expressed on rat NK cells and T cell subpopulations, activated monocytes, and dendritic cells. CD161 molecules are C-type lectin-like receptors that can either activate (CD161a) or inhibit (CD161b) effector leucocyte responses, eg, cytotoxicity or cytokine production, against target cells which express C-type lectin-like related (Clr) molecules.