Elab Fluor®647 Anti-Rat CD161 Antibody[QA19A15]

Catalog Number: AN00664M

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

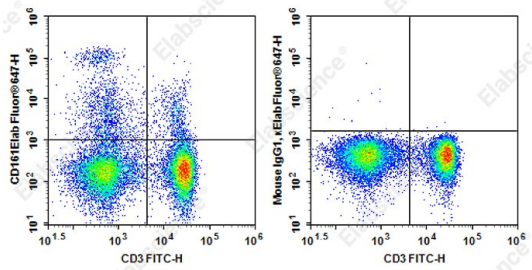
Description

Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	QA19A15
Isotype Control	Elab Fluor® 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M]
Conjugation	Elab Fluor®647
Conjugation Information	Elab Fluor®647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 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.

Data



Staining of Rat splenocytes cells with FITC Anti-Human CD3 Antibody and Elab Fluor®647Anti-Rat CD161 Antibody[QA19A15] (left) or Elab Fluor®647 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

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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.

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