Elab Fluor®488 Anti-Rat CD161 Antibody[QA19A15]

Catalog Number: AN00664L

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

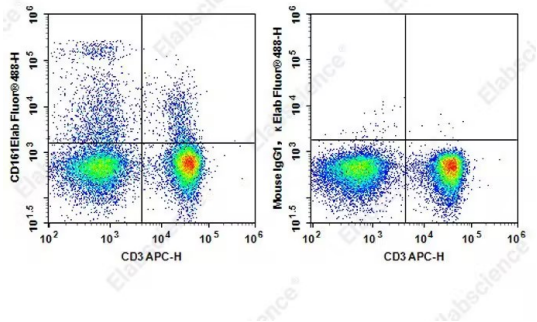
Description

Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	QA19A15
Isotype Control	Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]
Conjugation	Elab Fluor®488
Conjugation Information	Elab Fluor®488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 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 APC Anti-Human CD3 Antibody and Elab Fluor®488 Anti-Rat CD161 Antibody[QA19A15] (left) or Elab Fluor®488 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

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com