

Elab Fluor® Violet 450 Anti-Rat CD11b/c Antibody[OX-42]

Catalog Number: AN00651Q

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

Description

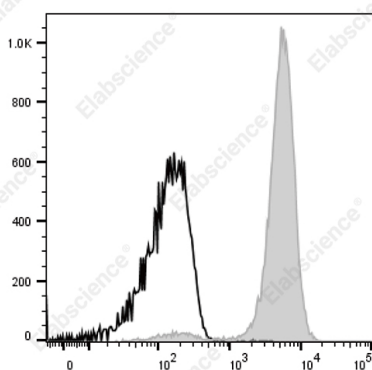
Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	OX-42
Isotype Control	Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802Q]
Conjugation	Elab Fluor® Violet 450
Conjugation Information	Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 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 C57BL/6 rat bone marrow cells with Elab Fluor® Violet 450 Anti-Rat CD11b/c Antibody[OX-42] (filled gray

histogram) or Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control (empty black histogram). 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	Rat C3bi receptor, Rat CR3 complement receptor, ITGAM, ITGAX;AN00651
Uniprot ID	P46892

For Research Use Only

Gene ID

25021;499271

Background

The OX-42 antibody reacts with the CR3 complement (C3bi) receptor expressed on monocytes, granulocytes, macrophages, dendritic cells, and NK cells. This antibody appears to recognize a common epitope shared between CD11b and CD11c (integrin α M and α X chains). The OX-42 antibody precipitates three polypeptides with apparent molecular weights of 160, 103, and 95 kD, respectively. This antibody has been shown to block the formation of complement-mediated rosettes and leukocyte migration.