

Elab Fluor® Violet 500 Anti-Rat CD4(domain 1) Antibody[OX-38]

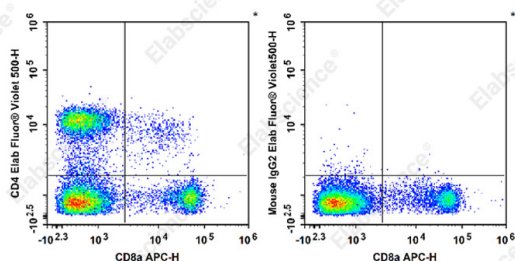
Catalog Number: GFH1105R

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

Description	
Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	OX-38
Isotype Control	Elab Fluor® Violet 500 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802R]
Conjugation	Elab Fluor® Violet 500
Conjugation Information	Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

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 with APC Anti-Rat CD8a

Antibody[OX-8] and Elab Fluor® Violet 500 Anti-Rat

CD4(domain 1) Antibody[OX-38] (left) or Elab Fluor® Violet 500 Mouse IgG2a, 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 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information	
Alternate Names	CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1
Gene ID	24932

For Research Use Only

Background

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.