

Datasheet for ABIN2568118

anti-F4/80 antibody (violetFluor™ 450)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	F4/80 (EMR1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F4/80 antibody is conjugated to violetFluor™ 450
Application:	Flow Cytometry (FACS)

Product Details

Clone:	BM8-1
Isotype:	IgG2a kappa
Specificity:	The BM8.1 monoclonal antibody specifically binds to the Mouse 125 kDa F4/80 antigen, expressed by most mature macrophages.
Purification:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Target Details

Target:	F4/80 (EMR1)
Alternative Name:	F4/80 Antigen (EMR1 Products)
Background:	The BM8.1 monoclonal antibody specifically binds to the Mouse 125 kDa F4/80 antigen, expressed by most mature macrophages. F4/80 is a transmembrane protein used as a marker

Target Details

of macrophages, although it is also expressed on Kupffer and Langerhans cells. The expression of F4/80 antigen is upregulated on bone marrow cells stimulated in vitro with the macrophage colony stimulating factor. The F4/80 antigen is a requirement for the induction of CD8 T cells-mediated peripheral tolerance. BG Violet 450 conjugate is an alternative to the Pacific Blue, eFluor 450, or BD Horizon V450 dyes. It is excited by the violet (405 nm) laser, with a peak emission of 450nm.

Gene ID: 13733

UniProt: [Q61549](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: Phosphate-buffered aqueous solution, ≤0.09 % Sodium azide, may contain carrier protein/stabilizer, pH7.2.

Storage: 4 °C

Storage Comment: The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.