Datasheet for ABIN6961760

anti-F4/80 antibody

Go to Product page

Overview

Quantity:	100 µg
Target:	F4/80 (EMR1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F4/80 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	BM8-1
Isotype:	IgG2b kappa
Purification:	This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

Target Details

Target:	F4/80 (EMR1)
Alternative Name:	F4/80 (EMR1 Products)
Background:	The BM8.1 antibody is specific for mouse F4/80 antigen, a 125 kDa transmembrane protein

Target Details

	widely expressed by members of the mononuclear phagocyte system and considered to be a key marker for mature macrophage cells. F4/80 is differentially expressed during myeloid cell development, and may be regulated by certain cytokines within the tissue microenvironment. Other cell types shown to express this antigen include Langerhans cells, Kupffer cells and dendritic cell subsets. BM8.1 is widely used together with antibodies to CD115 (c-fms), CD11b and CD11c to identify myeloid / macrophage cells by flow cytometry.
Gene ID:	13733
UniProt:	Q61549

Application Details

Application Notes:	This purified format is guaranteed to be >90 % pure as determined by SDS-PAGE analysis.
Comment:	0.5 mg/mL
Restrictions:	For Research Use only

Handling

Buffer:	10 mM NaH_2PO_4, 150 mM NaCl, 0.09 % Sodium azide, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C
Expiry Date:	12 months