

Datasheet for ABIN380045 **anti-F4/80 antibody (Biotin)**



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Overview

Quantity:	100 µg
Target:	F4/80 (EMR1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F4/80 antibody is conjugated to Biotin
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Cultured macrophages.
	Type of Immunogen: Cells
Clone:	BM8
Isotype:	IgG2a
Specificity:	The antigen is a 125kD extracellular membrane protein sensitive to 2-mercaptoethanol. Antigen distribution: Isolated Cells: The antigen is expressed in vitro on over 80 % of M-CSF stimulated bone marrow derived macrophages, after a few days of culture. It is absent from granulocytes, lymphocytes and thrombocytes. Tissue Sections: The antigen is detected on tissue fixed macrophages in all organs tested so far (spleen, lymph nodes, thymus, liver, skin) except lung. It is also present on Langerhans cells in the skin and Kupffer cells in the liver. In complete Freund's adjuvant induced granulomas, the antigen is expressed by inflammatory macrophages, but is absent from epitheloid cells. Specificity: Mouse: major subpopulation of

Product Details

resident tissue macrophages Other species: human heart macrophages

Purification: Affinity purified

Target Details

Target: F4/80 (EMR1)

Alternative Name: ADGRE1 / EMR1 ([EMR1 Products](#))

Background: Name/Gene ID: ADGRE1
Subfamily: Orphan-B
Family: GPCR

Synonyms: ADGRE1, EMR1 hormone receptor, F4/80, EGF-like module receptor 1, TM7LN3, EMR1

Gene ID: 2015

UniProt: [Q14246](#)

Application Details

Application Notes: Approved: IHC, IHC-Fr (1:200)

Usage: The applications listed have been tested for the unconjugated form of this product.
Other forms have not been tested.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS pH 7.2, 5 mg/mL BSA

Handling Advice: Avoid freeze-thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Prior to reconstitution, 4°C. Following reconstitution store at -20°C. Avoid freeze-thaw cycles.