

Datasheet for ABIN181779

anti-Macrophage Scavenger Receptor 1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.5 mg
Target:	Macrophage Scavenger Receptor 1 (MSR1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Macrophage Scavenger Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP), Functional Studies (Func), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	RAW264 cell line. Remarks: Spleen cells from immunised AO rats were fused with cells of the Y3 rat myeloma cell line.
Clone:	2F8
Isotype:	IgG2b
Specificity:	This antibody recognises the Murine Scavenger Receptor Class A (SRA), type I and II, also known as CD204.
Purification:	Affinity Chromatography on Protein G
Endotoxin Level:	Low Endotoxin

Target Details

Target:	Macrophage Scavenger Receptor 1 (MSR1)
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Target Details

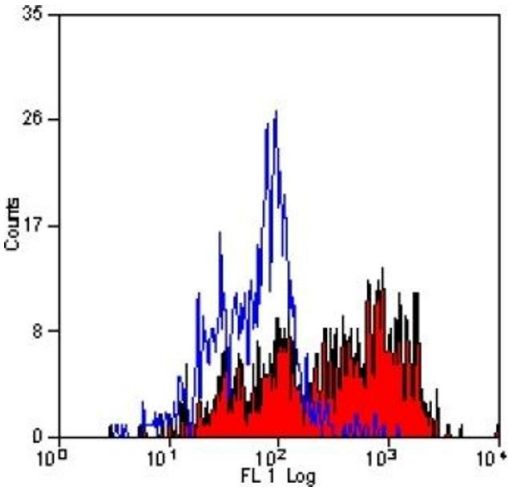
Alternative Name:	CD204 (MSR1 Products)
Background:	CD204 is expressed by tissue macrophages and functions both as an endocytic receptor for lipoproteins and as an adhesion receptor for macrophages binding to ligand rich tissues e.g. atherosclerotic lesions. Clone 2F8 inhibits the uptake of acetylated low-density lipoproteins and also inhibits divalent cation independent adhesion.Synonyms: MSR1, Macrophage acetylated LDL receptor I and II, Macrophage scavenger receptor types I and II, SCARA1, Scavenger receptor class A member 1
Gene ID:	20288
NCBI Accession:	NP_001106797
UniProt:	P30204

Application Details

Application Notes:	ELISA. Western Blot. Functional Assays. Immunoprecipitation. Immunohistochemistry on frozen sections. Flow Cytometry: 1/50 - 1/100, Use 10 µL of the suggested working dilution to label 10 ⁶ cells in 100 µL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: Endotoxin Level: less than 0.01 EU/ug
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4 without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C



Flow Cytometry

Image 1. Staining of mouse peritoneal macrophages with
RAT ANTI MOUSE CD204: LOW