

Product datasheet for **SM029LE**

Msr1 Rat Monoclonal Antibody [Clone ID: 2F8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2F8
Applications:	ELISA, FC, FN, IHC, IP, WB
Recommended Dilution:	ELISA. Western blot: Recognises CD204 in J774 cells under Non-Reduced Conditions only. Functional assays. Immunoprecipitation. Immunohistochemistry on Frozen Sections. Flow cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	RAW264 cell line.
Specificity:	This antibody recognises the Murine Scavenger Receptor Class A (SRA), type I and II, also known as CD204.
Formulation:	PBS, pH 7.4 without preservatives State: Low Endotoxin State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	macrophage scavenger receptor 1
Database Link:	Entrez Gene 20288 Mouse P30204



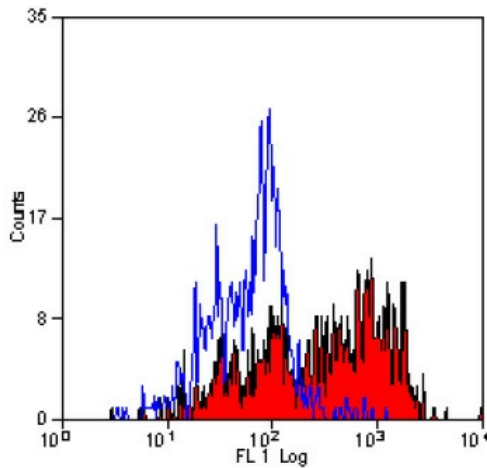
[View online »](#)

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, SCARA1

Note: **Endotoxin Level:** less than 0.01 EU/ μ g.
Recent research shows that clone 2F8 recognises an epitope within SRA that is polymorphic in the SRA from C57BL/6 mice. Clone 2F8 is therefore unsuitable for use with the C57BL/6 mouse strain.

Product images:



Staining of Mouse peritoneal Macrophages with Rat Anti Mouse CD204-LOW ENDOTOXIN.