

## Product datasheet for **SM029P**

### **Msr1 Rat Monoclonal Antibody [Clone ID: 2F8]**

#### **Product data:**

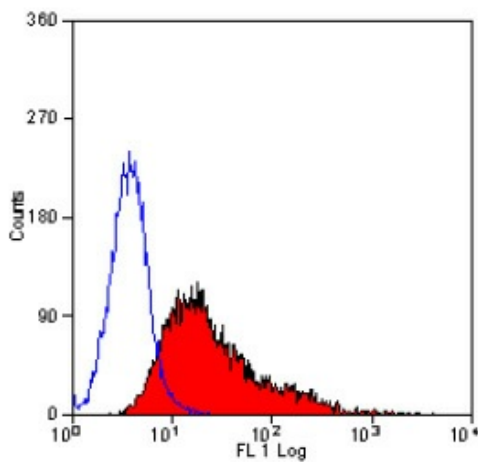
Product Type:	Primary Antibodies
Clone Name:	2F8
Applications:	ELISA, FC, IHC, IP, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western blot:</b> This antibody recognizes CD204 in J774 cells under non-reduced conditions only. <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Flow Cytometry:</b> Use 10 µl of 1/50-1/100 diluted antibody to label 1 <sup>0</sup> cells in 100 µl.
Reactivity:	Mouse, Porcine
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Raw 264 cell line.
Specificity:	This antibody recognizes the Murine scavenger receptor class A (SRA), type I and II, also known as CD204. Clone 2F8 inhibits the uptake of acetylated low-density lipoproteins and also inhibits divalent cation independent adhesion. We recommend the use of SM029LE for this purpose. Recent research shows that clone 2F8 recognizes 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.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated



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<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	macrophage scavenger receptor 1
<b>Database Link:</b>	<a href="#">Entrez Gene 20288 Mouse P30204</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	MSR1, SCARA1

### Product images:



Staining of J774 cell line with Rat Anti Mouse CD204.