

Product datasheet for **AM26746PU-N**

Msr1 Rat Monoclonal Antibody [Clone ID: 2F8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2F8
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: 10 µg/ml (1:100). Does not react on routinely processed paraffin sections. <i>Suggested positive control:</i> Mouse spleen.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Raw 264 cell line
Specificity:	This antibody recognises the murine scavenger receptor types I and II. It inhibits the uptake of acetylated low-density lipoproteins and also inhibits divalent cation independent adhesion. The molecule recognised 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. Monoclonal antibody 2F8 recognizes an epitope within the α -helical coiled-coil domain of SR-A in all mouse strains tested, with the exception of C57BL/6. One amino - acid change (L168S), due to polymorphism, results in the loss of reactivity of antibody 2F8.
Formulation:	Phosphate buffered saline pH 7.4 (PBS) State: Purified State: Liquid affinity purified Ig fraction Preservative: 0.09 % Sodium azide
Concentration:	1.0 mg/ml
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	macrophage scavenger receptor 1



[View online »](#)

Database Link: [Entrez Gene 20288 Mouse P30204](#)

Synonyms: MSR1, SCARA1