

Product datasheet for **SM1857F**

Mrc1 Rat Monoclonal Antibody [Clone ID: MR5D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MR5D3
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 1 ⁰ cells 100µl. CD206 is expressed weakly at the cell surface. Staining may be increased following membrane permeabilisation.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Chimaeric CRD4-7-Fc protein.
Specificity:	This antibody recognizes the Mannose Receptor, a 175kD type 1 membrane protein that is also known as CD206. Clone MR5D3 has been reported to be non-inhibitory for the binding of the mannose receptor to carbohydrate ligands.
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name:	mannose receptor, C type 1
Database Link:	Entrez Gene 17533 Mouse Q61830
Background:	CD206 is expressed on most tissue macrophages, in vitro derived dendritic cells, lymphatic and sinusoidal endothelia.
Synonyms:	Macrophage mannose receptor, CLEC13D, CLEC13DL, MRC1L1