

Product datasheet for **SM1857B**

Mrc1 Rat Monoclonal Antibody [Clone ID: MR5D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MR5D3
Applications:	FC
Recommended Dilution:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Chimaeric CRD4-7-Fc protein. Spleen cells from immunised Fischer rats were fused with cells of the Y3 myeloma cell line.
Specificity:	This antibody recognises 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 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: Biotin State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mannose receptor, C type 1
Database Link:	Entrez Gene 17533 Mouse Q61830



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Background: CD206 is expressed on most tissue macrophages, in vitro derived dendritic cells, lymphatic and sinusoidal endothelia.

Synonyms: Macrophage mannose receptor, CLEC13D, CLEC13DL, MRC1L1