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Certificate of Analysis and Data Sheet

Rat Anti-Mouse CD206

With HRP-conjugated Secondary Antibody

Catalog No.	Target Species	Isotype
DS-MB-03769	Mouse	IgG2a

Preparation

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen: Chimeric CRD4-7-Fc protein.
Fusion Partners: Spleen cells from immunized Fischer rats were fused with cells of the Y3 myeloma cell line.

Formulation

Product Form: Purified IgG - liquid
Product Type: Monoclonal Antibody
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide
Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

DS-MB-03769 recognizes the mouse mannose receptor, a 175kD type 1 membrane protein that is also known as CD206. CD206 is expressed on most tissue macrophages, *in vitro* derived dendritic cells, lymphatic and sinusoidal endothelia.
DS-MB-03769 has been reported to be non-inhibitory for the binding of the mannose receptor to carbohydrate ligands.
This antibody has also been reported to work in Western blot.[(1)]

Storage

Store at +4°C or at -20°C if preferred.
This product should be stored undiluted.
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life: 18 months from date of dispatch.

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Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry(1)	•			1/10 - 1/20
Immunohistology - Frozen	•			
Elisa			•	
Immunoprecipitation	•			
Immunofluorescence	•			

Note: Other applications have not been tested. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

References

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12. Hawkes, C.A. *et al.* (2009) Selective targeting of perivascular macrophages for clearance of beta-amyloid in cerebral amyloid angiopathy. Proc Natl Acad Sci U S A.106: 1261-6.