



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet

Mouse Anti-Porcine CD203a

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00484

Target Species
Pig

Isotype
IgG1

Preparation

Synonyms: SWC9

Purification: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Specificity

DS-MB-00484 recognizes porcine CD203a, otherwise known as SWC9 or NPP1, a cell surface antigen expressed on mature pig macrophages. Freshly isolated blood monocytes are CD203a negative but do express CD203a after culturing. CD203a is also weakly expressed on porcine thymocytes.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

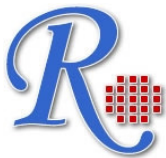
Store at +4°C or at -20°C if preferred.

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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry*	•			1/50 - 1/100
Immunohistology – Frozen	•			
Immunohistology - Paraffin			•	
ELISA			•	
Immunoprecipitation	•			
Western Blotting			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined.

*Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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