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Certificate of Analysis and Data Sheet

Mouse Anti-Human CD48, FITC-labeled

Catalog No.
DS-MB-03105

Target Species
Human

Isotype
IgG1

Preparation

Synonyms: BCM1, BLAST-1

Purification: Purified IgG prepared by ion exchange chromatography.

Specificity

DS-MB-03105 recognizes the CD48 antigen which is widely distributed on leukocytes with a distinctive reaction pattern. The antigen is structurally closely related to the B-cell activation antigen Blast-1.

Species Cross Reactivity: Reacts with: Rhesus Monkey

Note: Antibody reactivity and working conditions may vary between species

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid.

Buffer Solution: Phosphate buffered saline

Approx. Protein Concentrations: IgG concentration 0.1mg/ml

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃), 1% Bovine Serum Albumin

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry*	•			Neat

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

*Use 10ul of the suggested working dilution to label 1x10⁶ cells in 100ul.

Storage

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

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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.**