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Certificate of Analysis and Data Sheet Mouse Anti-Human CD44v7/8:FITC

Catalog No.
DS-MB-03075

Target Species
Human

Isotype
IgG2b

Specificity

This antibody specifically recognizes an epitope encoded by exons v7-v8 on the variant portion of human CD44.

Formulation

Product Type: Monoclonal Antibody

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

Buffer Solution: Tris buffered saline

Preservative Stabilizers: 0.02% mM Sodium Azide (NaN₃), 1% Bovine Serum Albumin

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat

Note: Other applications are not tested yet. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul. Method sheets are available on request.

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. 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.

References

1. Wibulswas, A. *et al.* (2000) The CD44v7/8 epitope as a target to restrain proliferation of fibroblast like synoviocytes in rheumatoid arthritis. *Am. J. Pathol.* 157: 2037-2044.
2. Alam, T.N. *et al.* (2004) Differential expression of CD44 during human prostate epithelial cell differentiation. *J Histochem Cytochem.* 52: 1083-90.

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