



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet Mouse Anti-Human CD44v4:FITC

Catalog No.
DS-MB-03073

Target Species
Human

Isotype
IgG1

Preparation

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the P3X63Ag8.653 myeloma cell line.

Immunogen: Glutathione S Transferase (GST) fusion protein corresponding to the variable domains (v3 to v10) of human CD44.

Specificity

This antibody specifically recognizes an epitope encoded by exon v4 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
Western Blotting			•	
Elisa			•	

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.

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



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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. Koopman, G. *et al.* (1993) Activated human lymphocytes and aggressive non-Hodgkin's lymphomas express a homologue of the rat metastasis-associated variant of CD44. *J. Exp. Med.* 177: 897-904.

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