



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Mucin 3 With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03392

Species
Human

Isotype
IgG2a

Preparation

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen: MUC-3 tandem repeat peptide

Formulation

Product Type: Monoclonal Antibody
Product Form: Purified IgG – liquid
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)
Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Specificity

DS-MB-03392 recognizes human Mucin 3 (MUC-3), reported to be expressed by normal and malignant colon tissues, and to a lesser degree in normal breast, lung and salivary gland.

In ELISA the antibody reacts strongly with the immunizing peptide and with natural MUC-3, but not with MUC-1 or MUC-2 proteins.

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. 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.

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting			•	
ELISA	•			10 ug/ml

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

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



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Secondary Antibody Applications

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

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