



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Cytokeratin 7, FITC-labeled

Catalog No.
DS-MB-03281

Target Species
Human

Isotype
IgG2b

Preparation

Immunogen: Cytoskeletal proteins from cultured HeLa cells

Preparation: Purified IgG prepared by ammonium sulphate precipitation followed by ion exchange chromatography then conjugated to FITC.

Specificity

DS-MB-03281 reacts with cytokeratin 7 which has been found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and larger collecting ducts of the kidney. Occasionally staining of blood vessel cell walls, particularly endothelial cells, may be observed.

Formulation

Product Type: Monoclonal Antibody

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

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃), 0.1% Bovine serum albumin

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	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Immunohistology – Frozen	•			
Immunohistology - Paraffin(1)	•			
Immunohistology - Resin			•	
Flow Cytometry			•	

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

(1) This product requires protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase.

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