



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI-HUMAN CYTOKERATIN 6

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01115

Target Species
Human

Isotype
IgG2a

Synonyms

K6A, K6B, KRT6D, KRT6E, KRTL1

Preparation

Immunogen: Synthetic peptide derived from C-terminus of human cytokeratin 6.

Fusion Partners: Spleen cells from immunized mice were fused with cells of the mouse SP2/0 myeloma cell line.

Specificity

DS-MB-01115 recognizes human cytokeratin 6, which has a complex pattern of expression. This cytokeratin is found in epidermis, hair follicles and in suprabasal cells of stratified epithelia. Some cross-reactivity of this antibody with smooth muscle may be seen.

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - lyophilized

Reconstitution: Reconstitute with 1 ml distilled water

Preservative Stabilizers: 0.09% Sodium Azide

Storage

Prior to reconstitution store at +4°C.

Following reconstitution 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: 12 months from date of reconstitution.

Reference

1. Jiang, C.K. et al. (1993) Epidermal growth factor and transforming growth factor a specifically induces the activation and hyperproliferation associated keratins 6 and 16. Proc. Natl. Acad. Sci. USA. 90: 6786-6790.

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



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Elisa			•	
Immunohistology - Paraffin			•	
Immunohistology - Frozen(1)	•			1:20 – 1:40
Immunohistology - Resin			•	
Western Blotting			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

(1) Histology Positive Control Tissue: Skin

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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