

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 Plectin With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03406

Target Species
Human

Isotype
IgG1

Preparation

Synonyms: PLEC1

Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Human Plectin

Formulation

Product Form: Purified IgG - liquid

Product Type: Monoclonal Antibody

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Specificity

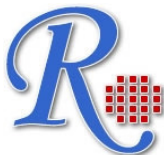
DS-MB-03406 recognizes plectin, a 500kDa ubiquitously expressed intermediate filament binding protein and member of the plakin family, which acts as a link between intermediate filaments (IF), microtubules and actin microfilaments within the cytoskeleton, and between the cytoskeleton and plasma membranes connecting different cells, thereby maintaining tissue integrity.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			5.0 - 10.0ug/ml
Elisa			•	
Western Blotting	•			2.0ug/ml

Note: Other applications have not been tested. 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

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.

Reference

1. Wiche, G. (1998) Role of plectin in cytoskeleton organization and dynamics. J. Cell Sci. 111: 2477-2486.

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