



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Elastase

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01202

Target Species
Human

Isotype
IgG1

Preparation

Synonyms: ELA2

Immunogen: Elastase from human neutrophils

Purification: Purified IgG prepared by affinity chromatography on Protein G

Formulation

Product Form: Purified IgG - liquid

Product Type: Monoclonal Antibody

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09 % Sodium Azide (NaN₃)

Approx. Protein Concentrations 0.5 mg/ml

Specificity

This product is specific for human neutrophil elastase.

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 despatch.

References

1. Durant, S. *et al.* (2004) Apoptosis-induced proteinase 3 membrane expression is independent from degranulation. *J. Leukoc. Biol.* 75: 87-98.
2. Sousa, S.A. *et al.* (2007) Virulence of *Burkholderia cepacia* complex strains in gp91phox^{-/-} mice. *Cell Microbiol.* 9: 2817-2825.

**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
Flow Cytometry	•			
Immunohistology - Frozen			•	
Immunohistology – Paraffin (1)	•			
Immunohistology - Resin			•	
Western Blotting			•	
Functional Assays	•			
Elisa	•			

Note: Other applications have not been tested. Optimal dilutions should be determined.
 (1) This product requires enzyme-mediated antigen retrieval using Proteinase K.

Secondary Antibody Applications

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

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