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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for 100-4168**Elastase Antibody****Overview**

| | |
|----------------------|--|
| Description: | Anti-ELASTASE (RABBIT) Antibody - 100-4168 |
| Item No.: | 100-4168 |
| Size: | 2 mL |
| Reactivity: | Pig |
| Host Species: | Rabbit |

Product Details

| | |
|----------------------|--|
| Background: | Anti elastase antibody detects elastase enzyme. Elastase breaks down elastin, an elastic fiber that, together with collagen, determines the mechanical properties of connective tissue. The specific peptide bonds cleaved are those on the carboxy side of small, hydrophobic amino acids such as glycine, alanine, and valine. |
| Synonyms: | rabbit anti-Elastase Antibody, Fecal pancreatic elastase 1 antibody, HLE antibody, Medullasin antibody, Pancreatic elastase IIA antibody, PE 1 antibody, PE1 antibody, Protease E antibody |
| Host Species: | Rabbit |
| Clonality: | Polyclonal |
| Format: | Antiserum |

Target Details

| | |
|----------------------------|--|
| Gene Name: | CELA1 |
| Reactivity: | Pig |
| Immunogen Type: | Native Protein |
| Immunogen: | Elastase [Porcine Pancreas] |
| Purity/Specificity: | Elastase antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Elastase [Porcine Pancreas]. Cross reactivity against Elastase from other tissues and species may occur but have not been specifically determined. |
| Relevant Links: | <ul style="list-style-type: none">• UniProtKB - P00772 |

- [NCBI - NP_998988.1](#)
- [GeneID - 396766](#)

Application Details

| | |
|--------------------------|--|
| Application Note: | Elastase antibody is suitable for ELISA and western blot. Usage in other immunoassays such as immunohistochemistry is expected but has not been determined. Optimal concentrations should be determined by researcher. |
| Assay Dilutions: | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| ELISA: | 1:20,000 - 1:100,000 |
| IHC: | User Optimized |
| WB: | 1:2,000 - 1:10,000 |

Formulation

| | |
|-------------------------------|--|
| Physical State: | Lyophilized |
| Concentration: | 80 mg/mL by Refractometry |
| Buffer: | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Preservative: | 0.01% (w/v) Sodium Azide |
| Stabilizer: | None |
| Reconstitution Volume: | 2.0 mL |
| Reconstitution Buffer: | Restore with deionized water (or equivalent) |

Shipping & Handling

| | |
|----------------------------|---|
| Shipping Condition: | Ambient |
| Storage Condition: | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Expiration: | Expiration date is one (1) year from date of receipt. |

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.