Datasheet: MCA1930T

Description: MOUSE ANTI HUMAN MAST CELL CHYMASE

Specificity: MAST CELL CHYMASE

Format: Purified

Product Type: Monoclonal Antibody

Clone: CC1

Isotype: IgG1

Quantity: 10 µg

RRID: AB_2083617

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>1µg/ml</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species: Human

Product Form: Purified IgG - liquid

Preparation: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Carrier Free: Yes

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Immunogen: Purified human skin chymase.

External Database Links: UniProt:
Related reagents

**Entrez Gene:**

1215 CMA1

**Synonyms**

CYH, CYM

**Fusion Partners**

Spleen cells from immunised BALB/c mice were fused with cells of the P3/NSI/I.Ag4.1 mouse myeloma cell line.

**Specificity**

**Mouse anti Human Mast Cell Chymase antibody, clone CC1** binds to human mast cell chymase, an important marker of mast cells and also an important mediator of inflammation.

Mouse anti Human Mast Cell Chymase antibody, clone CC1 may be used to detect mast cells in routinely fixed tissues, and has been used to study the distribution of mast cells in skin, synovium, lung and heart.

Binding of Mouse anti Human Mast Cell Chymase antibody, clone CC1 to chymase is not reduced in the presence of heparin, suggesting that the antibody does not bind to the heparin-binding domain of chymase.

**Immunohistology**

This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

**References**

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.

Guarantee
18 months from date of despatch.

Health And Safety Information

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR13...) HRP
Goat Anti Mouse IgG (STAR76...) RPE
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)