Product datasheet

Anti-MCP1 antibody ab7202

Overview

Product name: Anti-MCP1 antibody
Description: Rabbit polyclonal to MCP1
Host species: Rabbit

Tested applications: Suitable for: IHC-P, IHC-Fr, ICC/IF, WB

Species reactivity: Reacts with: Mouse, Rat

Immunogen: Recombinant full length protein (Rat).

Positive control: RAW 264.7 cells (mouse macrophage/monocyte adherent cell line) stimulated with LPS for 15 hours

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: Preservative: 0.1% Sodium Azide
Constituents: PBS

Purity: Protein A purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab7202 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td>1/100</td>
<td>Perform heat mediated antigen retrieval via the microwave method before commencing with IHC staining protocol.</td>
</tr>
<tr>
<td>IHC-Fr</td>
<td>1/50</td>
<td>Use at an assay dependent concentration. PubMed: 21088249</td>
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</table>
Function

Chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils. Augments monocyte anti-tumor activity. Has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.

Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Post-translational modifications

Processing at the N-terminus can regulate receptor and target cell selectivity. Deletion of the N-terminal residue converts it from an activator of basophil to an eosinophil chemoattractant.

Cellular localization

Secreted.

Images

Secondary antibody anti-rabbit HRP (ab6721)

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