

Datasheet: AHP788

Description:	RABBIT ANTI HUMAN MIP-3 ALPHA
Specificity:	MIP-3 ALPHA
Other names:	CCL20
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			0.5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			15.0 - 18.0ug/ml

Where this product 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 product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add azide.
Antiserum Preparation	Antisera to human MIP-3 alpha were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen	Recombinant human MIP-3 alpha.
External Database Links	<p>UniProt: P78556 Related reagents</p> <p>Entrez Gene: 6364 CCL20 Related reagents</p>
Synonyms	LARC, MIP3A, SCYA20
Specificity	<p>Rabbit anti Human MIP-3 alpha antibody recognizes human MIP-3 alpha, (Macrophage Inflammatory Protein 3 alpha), otherwise known as CCL20, a 70 amino acid CC chemokine predominantly expressed by the liver, lymph nodes, appendix, spleen and pancreas and also by the thymus, small intestine, foetal lungs and PBLs.</p> <p>MIP-3 alpha acts as a chemoattractant for memory T lymphocytes, immature dendritic cells and B lymphocytes, being the only CC chemokine known to bind to the G-protein linked 7-transmembrane receptor CCR6. Further properties of MIP-3 alpha include antimicrobial activity, inhibition of the in vitro proliferation of bone marrow immature myeloid progenitors and the stimulation of the growth and migration of pancreatic carcinoma cells.</p>
Further Reading	<ol style="list-style-type: none"> 1. Hieshima, K. <i>et al.</i> (1997) Molecular cloning of a novel human CC chemokine liver and activation-regulated chemokine (LARC) expressed in liver. Chemotactic activity for lymphocytes and gene localization on chromosome 2. J Biol Chem. 272 (9): 5846-53. 2. Schutysse, E. <i>et al.</i> (2003) The CC chemokine CCL20 and its receptor CCR6. Cytokine Growth Factor Rev. 14 (5): 409-26. 3. Kleeff, J. <i>et al.</i> (1999) Detection and localization of Mip-3alpha/LARC/Exodus, a macrophage proinflammatory chemokine, and its CCR6 receptor in human pancreatic cancer. Int J Cancer. 81 (4): 650-7.
Storage	<p>Prior to reconstitution store at +4°C. After reconstitution store at -20°C. 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.</p>
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (2AB02...)

[Biotin](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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