

Anti-MIP-3 alpha Ccl20 Antibody Biotin Conjugated

Catalog Number: B00748-1

About CCL20

MIP-3alpha (also known as C-C motif chemokine 20, small-inducible cytokine A20, macrophage inflammatory protein 3 alpha, MIP-3-alpha, liver and activation-regulated chemokine, CC chemokine LARC and beta chemokine exodus-1) is a chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. MIP-3alpha inhibits proliferation of myeloid progenitors in colony formation assays and may be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. MIP-3alpha also possesses antibacterial activity against E.coli and S.aureus. MIP-3alpha is a secreted protein that is expressed predominantly in the liver, lymph nodes, appendix, peripheral blood lymphocytes, and fetal lung. Low levels of expression are also seen in thymus, prostate, testis, small intestine and colon. C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes. MIP-1 alpha Antibody Biotin Conjugated is useful for researchers interested in Cancer, Cell Biology and Immunology Research.

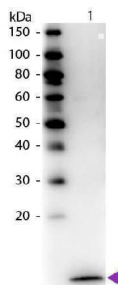
Overview

Product Name	Anti-MIP-3 alpha Ccl20 Antibody Biotin Conjugated
Reactive Species	Human
Description	Boster Bio Anti-MIP-3 alpha Ccl20 Antibody Biotin Conjugated (Catalog # B00748-1). Tested in WB applications. This antibody reacts with Human.
Conjugate	Biotin
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, antibody formulated with stabilizing protein (10 mg/mL) - Immunoglobulin and Protease free, 0.01% (w/v) Sodium Azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store MIP-3 alpha Antibody Biotin Conjugated 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 date is one (1) year from date of opening. (Ship at ambient temperature.)
Host	Rabbit
Uniprot ID	P78556

Technical Details

Immunogen	MIP-3 alpha Antibody Biotin Conjugated was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human MIP-3alpha protein.
Predicted Reactive Species	Bovine, Monkey
Isotype	IgG
Form	Lyophilized
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Purification	Human MIP-3 alpha Antibody Biotin Conjugated was heated to 56°C for 30 minutes. In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant human MIP-3alpha in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
Suggested Dilutions	<p>ELISA: 1:20,000 - 1:100,000 IHC: 1:1,000-1:5,000 WB: 1:2,000-1:10,000</p> <p>This purified antibody has been tested in western blotting and is suitable in ELISA. By western blot a band approximately 11 kDa in size corresponding to human MIP-3alpha protein is expected in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.</p>

Anti-MIP-3 alpha Ccl20 Antibody Biotin Conjugated (B00748-1) Images



Western Blot of Biotin Conjugated Rabbit Anti-Human MIP-3alpha Antibody. Lane 1: Human MIP-3alpha. Lane 2: None. Load: 50 ng per lane. Primary antibody: Human MIP-3alpha antibody at 1:1000 for 60 min at RT. Secondary antibody: Peroxidase conjugated Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: 30 min at RT. Predicted/Observed size: 10 kDa, 10 kDa for Human MIP-3alpha. Other band(s): None.

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