

# Product Datasheet

## CCL20/MIP-3 alpha Antibody

### NBP1-42763

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-42763**

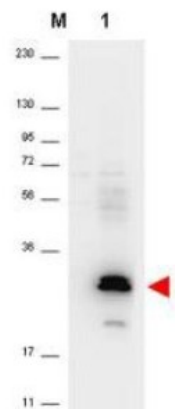
CCL20/MIP-3 alpha Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute with 0.1 ml distilled water to a final concentration of 1.0 mg/ml.
<b>Isotype</b>	IgG
<b>Purity</b>	IgG purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6364
<b>Gene Symbol</b>	CCL20
<b>Species</b>	Human
<b>Reactivity Notes</b>	human
<b>Specificity/Sensitivity</b>	In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant human MIP-3a in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
<b>Immunogen</b>	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human MIP-3a protein.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Blocking/Neutralizing, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:20000-1:100000, Blocking/Neutralizing 1:400
<b>Application Notes</b>	The endotoxin content is estimated to be <10 pg/ul by the LAL method. By western blot a band approximately 11 kDa in size corresponding to native human MIP-3a protein is expected in the appropriate cell lysate or extract.

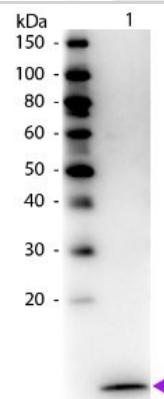


## Images

Western Blot: CCL20/MIP-3 alpha Antibody [NBP1-42763] - Analysis of a band 26 kDa in size corresponding to recombinant human MIP-3a (lane 1). The identity of the lower molecular weight band is unknown. Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG secondary antibody diluted 1:40,000 in blocking buffer for 30 min at RT followed by reaction with FemtoMax chemiluminescent substrate.



Western Blot: CCL20/MIP-3 alpha Antibody [NBP1-42763] - Analysis using the Biotin conjugate of NBP1-42763. Detection of Lane 1: Human MIP-3a. Detection of Lane 2: None. Load: 50 ng per lane. Used at a dilution of 1:1000 for 60 min at RT.



## Publications

Ho MF, Bongartz T, Liu M et al. Estrogen, SNP-Dependent Chemokine Expression and Selective Estrogen Receptor Modulator Regulation. *Mol. Endocrinol.* 2016 Mar 01 [PMID: 26866883] (WB, Human)

### Details:

GFAP antibody (clone GA5) was used at 1:200 dilution for the IHC - frozen sections of epileptic rat brains for staining the astrocytes.



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35091-5ug	Recombinant Mouse CCL20/MIP-3 alpha Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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