

Product Datasheet

CCL5/RANTES Antibody (53405.111) - Azide and BSA Free NB120-10394

Unit Size: 0.1 mg

Store at -20C as supplied. After reconstitution, store at 2C to 8C for 1 month and at -20 for long term storage. Avoid repeated freeze-thaw cycles.

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NB120-10394

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Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C as supplied. After reconstitution, store at 2C to 8C for 1 month and at -20 for long term storage. Avoid repeated freeze-thaw cycles.
Clonality	Monoclonal
Clone	53405.111
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS and 5% Trehalose pH 7.4

Product Description	
Host	Rat
Gene ID	6352
Gene Symbol	CCL5
Species	Human, Mouse
Specificity/Sensitivity	RANTES (53405.111)
Immunogen	Recombinant full length protein (Mouse) expressed in E.coli.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 8-25 ug/ml
Application Notes	ELISA: Use at a concentration of 0.5 - 2 ug/ml. The detection limit for mouse RANTES is approximately 50. From ELISA, this antibody shows ~50% cross-reactivity with recombinant human RANTES. Use in ICC/IF was reported in scientific literature (PMID: 31760088). Neutralization : Monoclonal Anti-RANTES is measured by its ability to neutralize the biological activity of recombinant mouse RANTES. This antibody will also neutralize the bioactivity of recombinant human RANTES when used at 100x higher IgG concentration.

Publications

Liu T, Liu S, Rui X et al. Gasdermin B, an asthma-susceptibility gene, promotes MAVS-TBK1 signalling and airway inflammation. The European respiratory journal 2024-05-02 [PMID: 38514093]

Liu Q, Li S, Yu L et al. CCL5 Suppresses Klotho Expression via p-STAT3/DNA Methyltransferase1-Mediated Promoter Hypermethylation Frontiers in Physiology 2022-03-01 [PMID: 35299661]

Upmanyu N, Buldan A, Failing K, Scheiner-Bobis G DHEAS prevents pro-metastatic and proliferative effects of 17 beta-estradiol on MCF-7 breast cancer cells Biochim Biophys Acta Mol Cell Res 2019-11-21 [PMID: 31760088] (ICC/IF, Human)





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Products Related to NB120-10394

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
NBP2-35235-5ug	Recombinant Human CCL5/RANTES Protein

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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