

For Research Use Only

Mouse CCL20/MIP-3 alpha Recombinant monoclonal antibody, PBS Only

Catalog Number: 86916-1-PBS



Basic Information

Catalog Number: 86916-1-PBS	GenBank Accession Number: NM_001159738.1	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 20297	CloneNo.: 250239B2
Isotype: IgG	UNIPROT ID: Q642U4	
Immunogen Catalog Number: EG3311	Full Name: chemokine (C-C motif) ligand 20	
	Calculated MW: 11KD	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
mouse

Background Information

CCL20, also known as macrophage infiltrating factor protein 3 α , is a C-C chemokine that specifically binds to the receptor CCR6. CCL20 is produced in various tissues and by a wide range of immune cells, including neutrophils, natural killer cells, T-helper type 17 (Th17) cells, B cells, and various antigen-presenting cells, such as dendritic cells (DCs), Langerhans cells, and macrophages. Increased expression of CCL20 is likely involved in the increased recruitment of dendritic cells observed in fibroinflammatory diseases such as chronic obstructive pulmonary disease (COPD). CCL20 expression is increased by the proinflammatory cytokine IL-1 beta.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

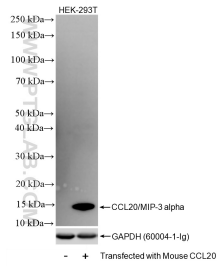
T: 4006900926

E: Proteintech-CN@ptglab.com

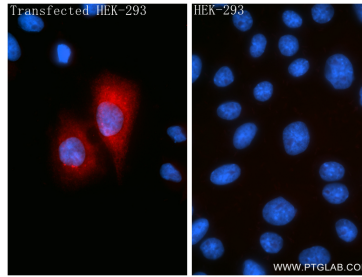
W: ptgcn.com

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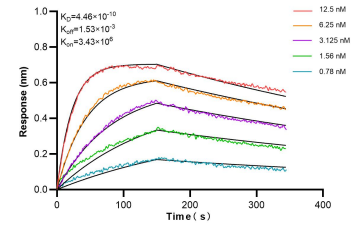
Selected Validation Data



Non-transfected and mouse CCL20/MIP-3 alpha-transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 86916-1-RR (Ccl20 antibody) at a dilution of 1:2000, incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86916-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Transfected HEK-293 cells using CCL20/MIP-3 alpha antibody (86916-1-RR, Clone: 250239B2) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86916-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 86916-1-RR against Mouse CCL20/MIP-3 alpha were performed. The affinity constant is 0.446 nM.