

For Research Use Only

Mouse CCL11/Eotaxin Recombinant monoclonal antibody, PBS Only

Catalog Number:86339-3-PBS



Basic Information

Catalog Number: 86339-3-PBS	GenBank Accession Number: NM_011330	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 20292	CloneNo.: 243012C1
Source: Rabbit	UNIPROT ID: P48298	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 11	
Immunogen Catalog Number: EG2400	Calculated MW: 11kd	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

Background Information

CCL11 also named Eotaxin-1, was initially discovered as an eosinophil-specific chemoattractant. CCL11 plays a central role in both allergic and non-allergic inflammatory reactions by recruiting immune cells such as eosinophils, basophils and Th2 lymphocytes. CCL11 binds to the chemokine receptors CCR2, CCR3 and CCR5, with highest affinity to CCR3. High levels of CCL11 have been described in several chronic inflammatory diseases, such as allergic rhinitis, atopic dermatitis, asthma, gastrointestinal disease and rheumatoid arthritis.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

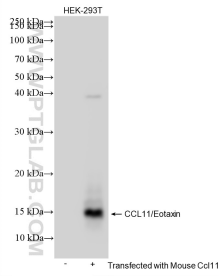
For technical support and original validation data for this product please contact:

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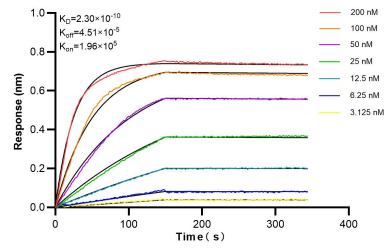
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W: ptglab.com

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Selected Validation Data



HEK-293 cells transfected with mouse CCL11 were subjected to SDS PAGE followed by western blot with 86339-3-RR (Ccl11 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86339-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86339-3-RR against Mouse CCL11/Eotaxin were performed. The affinity constant is 0.23 nM.