

For Research Use Only

CCL11/Eotaxin Recombinant monoclonal antibody

Catalog Number:86339-3-RR



Basic Information

Catalog Number:

86339-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2400

GenBank Accession Number:

NM_011330

GeneID (NCBI):

20292

UNIPROT ID:

P48298

Full Name:

chemokine (C-C motif) ligand 11

Calculated MW:

11kd

Purification Method:

Protein A purification

CloneNo.:

243012C1

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB: Transfected with Mouse Ccl11 Transfected HEK-293T cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

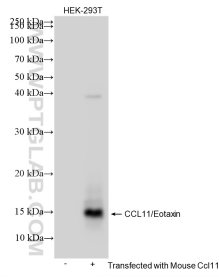
T: 4006900926

E: Proteintech-CN@ptglab.com

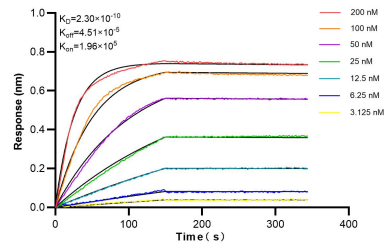
W: ptgcn.com

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Selected Validation Data



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.



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