

For Research Use Only

Eotaxin Polyclonal antibody

Catalog Number: 11786-1-AP 2 Publications



Basic Information

Catalog Number: 11786-1-AP	GenBank Accession Number: BC017850	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6356	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: chemokine (C-C motif) ligand 11	
Isotype: IgG	Calculated MW: 97 aa, 11 kDa	
Immunogen Catalog Number: AG2398		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human lung cancer tissue, human tonsillitis tissue
Cited Applications: IHC	
Species Specificity: human	
Cited Species: mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Na Sun	32208746	Am J Rhinol Allergy	IHC
Li Lin	33635162	Am J Physiol Heart Circ Physiol	IHC

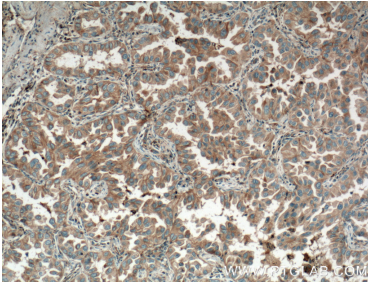
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

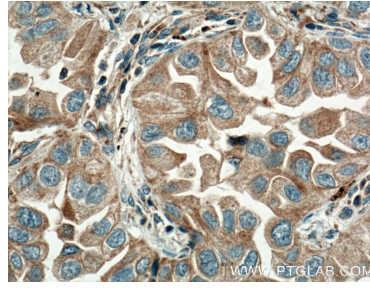
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11786-1-AP (Eotaxin antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11786-1-AP (Eotaxin antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).