

CCL26

Goat Anti-Human Eotaxin-3 Affinity Purified pAb

Catalog No.	PA0122	Quantity:	100 µg
Alternate Names:	C-C motif chemokine 26, CCL26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4-alpha, MIP-4-alpha, Small-inducible cytokine A26, Thymic stroma chemokine-1, TSC-1		
Preparation:	Eotaxin refers to a subfamily of proteins that are categorized as being eosinophil chemotactic. There are three members of the eotaxin family in humans; eotaxin-1, eotaxin-2, and eotaxin-3. This family is defined as a CC Chemokine family because two of its cysteines are next to their amino terminus. Eotaxin-3 has an affinity to bind with chemokine receptor CCR3. It is produced throughout the body by several tissues in major organs such as the heart, ovary, and lung. Furthermore, many endothelial cells express eotaxin-3 if they have been properly stimulated. Eotaxin-3 is considered to be extremely chemotactic for both basophils and eosinophils.		
UniProt ID:	Q9Y258		
Source:	Goat		
Immunogen:	Recombinant Human Eotaxin-3, >98% purity		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.4		
Purification:	Purified by antigen affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.		
Applications:	Neutralization: To yield one-half maximal inhibition [ND ₅₀] of the biological activity of human Eotaxin-3 (100 ng/ml), a concentration of 5.0-7.0 µg/ml of this antibody is required. Direct ELISA: To detect human Eotaxin-3 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human Eotaxin-3. Sandwich ELISA: To detect hEotaxin-3 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human Eotaxin-3 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hEotaxin-3. Western Blot: To detect human Eotaxin-3 by Western Blot analysis this antibody can be used at a concentration of 0.1- 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human Eotaxin-3 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.		

The optimal concentration should be determined by the user for each specific application.



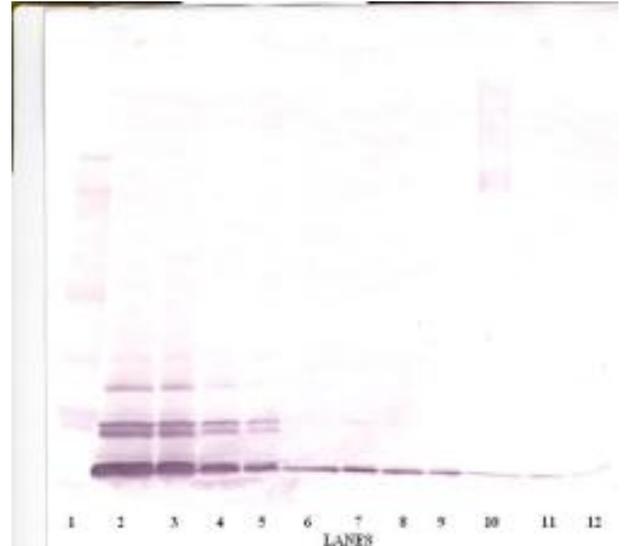
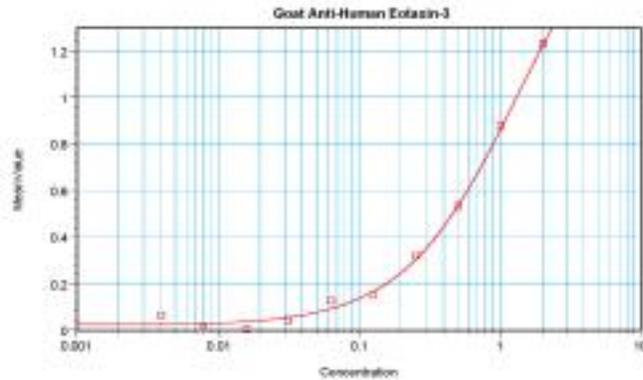
Storage & Stability:

Stable for at least 1 year at -20°C to -80°C. Upon reconstitution, stable for 2 weeks at 2-8°C or in working aliquots for at least 6 months at -20°C to -80°C.

Avoid repeated freeze-thaw cycles.

Sandwich ELISA with biotin-labeled anti-hEotaxin-3 as detection antibody. Sensitivity < 2-4 mg/ml

Western Blot of Eotaxin-3 with detection limit of 1.5-3.0 ng/lane



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

