

Ccl24

Goat Anti-Mouse Eotaxin-2 Biotin Affinity Purified pAb

Catalog No.	PA0114BT	Quantity:	50 µg
Alternate Names:	C-C motif chemokine 24, CCL24, Eosinophil chemotactic protein 2, Eotaxin-2, Small-inducible cytokine A24		
Description:	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-2 interacts only with the chemokine receptor CCR3 and helps produce the chemotaxis effect in eosinophils. Eotaxin-2 induces major chemotaxis in T lymphocytes; slightly in neutrophils.		
UniProt ID:	Q9JKC0		
Specificity:	Mouse		
Host:	Goat		
Immunogen:	Recombinant Mouse Eotaxin-2, >98% purity		
Conjugate:	Biotin		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.4		
Purification:	Antigen affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 -1.0 mg/ml.		
Applications:	<p>Sandwich ELISA: To detect mEotaxin-2 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Murine Eotaxin-2 as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mEotaxin-2.</p> <p>Western Blot: To detect Eotaxin-2 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 Eotaxin-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
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.		

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