

## Ccl24

### Goat Anti-Mouse Eotaxin-2 Affinity Purified pAb

<b>Catalog No.</b>	PA0114	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	C-C motif chemokine 24, CCL24, Eosinophil chemotactic protein 2, Eotaxin-2, Small-inducible cytokine A24		
<b>Description:</b>	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.		
<b>UniProt ID:</b>	Q9JKC0		
<b>Specificity:</b>	Mouse		
<b>Host:</b>	Goat		
<b>Immunogen:</b>	Recombinant Mouse Eotaxin-2, >98% purity		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS, pH 7.4		
<b>Purification:</b>	Antigen affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.		
<b>Applications:</b>	<b>Neutralization:</b> To yield one-half maximal inhibition [ND50] of the biological activity of mEotaxin-2 (100 ng/ml), a concentration of 7.0-8.0 µg/ml of this antibody is required.  <b>Direct ELISA:</b> To detect Eotaxin-2 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 Eotaxin-2.  <b>Sandwich ELISA:</b> To detect mEotaxin-2 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-Murine Eotaxin-2 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mEotaxin-2.  <b>Western Blot:</b> 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.  The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	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. <b>Avoid repeated freeze-thaw cycles.</b>		

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