

## CCL24

### Goat Anti-Human Eotaxin-2 Biotin Affinity Purified pAb

<b>Catalog No.</b>	PA0112BT	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	C-C motif chemokine 24, CK-beta-6, Eosinophil chemotactic protein 2, Eotaxin-2, Myeloid progenitor inhibitory factor 2, MPIF-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 will induce major chemotaxis in T lymphocytes, and even a slight bit in neutrophils.		
<b>UniProt ID:</b>	O00175		
<b>Gene ID:</b>	6369		
<b>Specificity:</b>	Human		
<b>Host:</b>	Goat		
<b>Immunogen:</b>	Recombinant human Eotaxin-2, >98% purity		
<b>Conjugate:</b>	Biotin		
<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>ELISA:</b> To detect hEotaxin-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 our Anti-Human Eotaxin-2 as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hEotaxin-2.  <b>Western Blot:</b> To detect human 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 human 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>		

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

