

Purified Rabbit Anti-human Eotaxin

Catalog Number: TP214

Lot Number: 052918

Content: Protein A purified rabbit IgG, 500 µg, with 0.1% sodium azide, lyophilized.

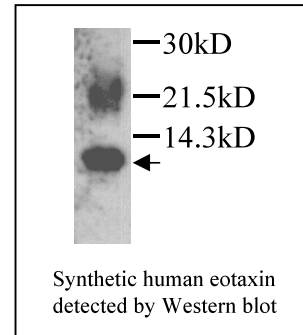
(Reconstitute to 1 mg/ml by adding 500 µl H₂O)

Product Description and Usage: For research use only. This polyclonal antibody, which reacts with recombinant and natural human eotaxin, was generated using *E. coli*-expressed amino acid 1-74 of mature human eotaxin as an immunogen. The tested titer for Western blot is 1:5,000.

Not cross react to mouse eotaxin; cross reactivity to eotaxin of other species has not been determined.

Storage Condition: 4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw.

Background: Eotaxin is a 74-amino acid, eosinophil-chemotactic CC chemokine originally found in bronchoalveolar lavage fluid from allergic inflammatory subjects. It is involved in regulating the recruitment and activation of inflammatory leukocytes, particularly eosinophils. Eotaxin binds and activates the CCR3 chemokine receptor, and may play a



fundamental role in the development of allergic responses.

References:

1. Jose, P.J. et al. (1994) Eotaxin: a potent eosinophil chemoattractant cytokine detected in a guinea pig model of allergic airways inflammation. *J Exp Med* 179: 881-887
2. Kitaura, M. et al. (1996) Molecular cloning of human eotaxin, an eosinophil-selective CC chemokine, and identification of a specific eosinophil eotaxin receptor, CC chemokine receptor 3. *J Biol Chem* 271:7725-7730
3. Garcia-Zepeda, E.A. et al. (1996) Human eotaxin is a specific chemoattractant for eosinophil cells and provides a new mechanism to explain tissue eosinophilia. *Nat Med* 2:449-456