

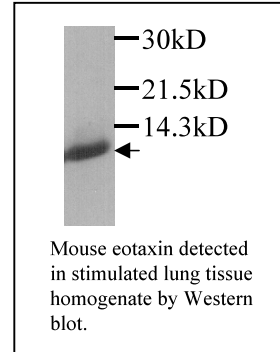
## TECHNICAL DATA SHEET

### Purified Rabbit Anti-mouse Eotaxin

**Catalog Number:** TP215

**Lot Number:** 040917

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



(Reconstitute to 1 mg/ml by adding 500 µl H<sub>2</sub>O)

**Product Description and Usage:** For research use only. This polyclonal antibody, which reacts with recombinant and natural mouse eotaxin, was generated using *E. coli*-expressed amino acid 1-74 of mature mouse eotaxin as an immunogen. The tested titer for Western blot is 1:2,000.

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. It

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
4. Ganzalo, J.S. et al. (1996) Mouse eotaxin expression parallels eosinophil accumulation during lung allergic inflammation but it is not restricted to a Th2-type response. *Immunity* 4:1-14

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