



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Eotaxin (CT) (CCR3 ligand). Rabbit Polyclonal Antibody

C-C motif chemokine 11; Eosinophil chemotactic protein; Small-inducible cytokine A11

### BACKGROUND

Chemokines play a key role in inflammation. The CC chemokine eotaxin is a potent and specific eosinophil chemoattractant that is expressed by a variety of cell types in certain inflammatory conditions<sup>1,2</sup>. Some G-protein coupled chemokine receptors are also utilized as virus coreceptors for fusion and infection of cells. The eotaxin receptor CCR3 is required for HIV-1 entry into target cells such as microglia and eotaxin inhibits the infection of HIV-1<sup>3,4</sup>.

### ORDERING INFORMATION

**CATALOG NUMBER**  
X1150P

**SIZE**  
100 µg

**FORM**  
Unconjugated

**HOST/CLONE**  
Rabbit

**FORMULATION**  
Provided in phosphate buffered saline solution containing 0.02% sodium azide as a preservative

**CONCENTRATION**  
See vial for concentration

**ISOTYPE**  
IgG

**APPLICATIONS**  
Western Blot

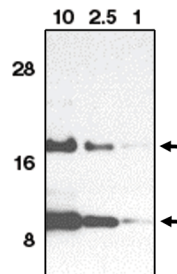
**SPECIES REACTIVITY**  
Human

**ACCESSION NUMBER**  
Human P51671

### IMMUNOGEN

Synthetic peptide corresponding to amino acids 83 to 97 of human eotaxin.

Western blot analysis using Eotaxin antibody (Cat. No. X1150P) on HeLa cell lysate containing 10, 2.5, or 1 ng of full length recombinant eotaxin.



**POSITIVE CONTROL/TISSUE EXPRESSION**

Recombinant Eotaxin protein

**COMMENTS**

Detects eotaxin by Western blot at 0.5 to 1  $\mu\text{g/ml}$ . Recombinant protein can be used as a positive control and antibody detects the monomer and dimer at approximately 9 and 18 kDa, respectively. Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Antigen Immunoaffinity Purification

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at  $-20^{\circ}\text{C}$ . Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Kitaura, M., et al. 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.* 1996, 271, 7725-7730
2. Ponath, P.D., et al. Cloning of the human eosinophil chemoattractant, eotaxin. Expression, receptor binding, and functional properties suggest a mechanism for the selective recruitment of eosinophils. *J. Clin. Invest.* 1996, 97, 604-612
3. He, J., et al. CCR3 and CCR5 are co-receptors for HIV-1 infection of microglia. *Nature* 1997, 385, 645-649
4. Choe, H., et al. The beta-chemokine receptors CCR3 and CCR5 facilitate infection by primary HIV-1 isolates. *Cell* 1996, 85, 1135-1148

**PRODUCT SPECIFIC REFERENCES**