



Anti-Human Eotaxin-3

20150304ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	101-M19
Size:	500 µg
Lot. No.:	According to product label

Preparation: Monoclonal antibodies were produced in BALB/c mice using recombinant hEotaxin-3 as the immunizing antigen. IgG1/K antibody was purified from ascites fluid on a Protein A affinity column.

Target Background

Synonyms (Target):	CCL26; IMAC; TSC-1; MIP-4a; SCYA26; MIP-4alpha
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Eotaxin3, also named CCL26 or SCYA26, is a novel human CC chemokine that maps to chromosome 7q11.2, within 40 kilobases of the Eotaxin2 loci. Eotaxin3/ CCL26 has been shown to be constitutively expressed in the heart and ovary. In addition, low levels of Eotaxin3/ CCL26 expression can also be detected in various tissues. The expression of Eotaxin 3/CCL26 in vascular endothelial cells has been shown to be upregulated by IL13 and IL4. Eotaxin3/ CCL26 cDNA encodes a 94 amino acid (aa) residue protein with a putative signal peptide of either 23 or 26 aa residues. Eotaxin3/ CCL26 induces calcium flux in eosinophils as well as in CCR3transfected cells. Eotaxin 3/ CCL26 has also been shown to cross-desensitize cells to other CCR3 ligands.

Database References Target

Protein RefSeq:	NP_006063
Uniprot ID:	Q9Y258
mRNA RefSeq:	NM_006072

Product Specifications

Species reactivity	Human
Cross reactivity	Human
Host	Mouse
Clonality	Monoclonal Antibody
Purification	Protein A chromatography
Immunogen	Recombinant Human Eotaxin-3 (CCL26)
Formulation	lyophilized
Reconstitution buffer	water

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: Lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least 2 weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

ELISA: This antibody can be used at a concentration of 1-2 µg/ml, as a capture antibody in conjunction with a compatible secondary reagent to yield satisfactory results in a sandwich ELISA.

Western Blot

Neutralization

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!