

39-2117: Anti-Eotaxin Polyclonal Antibody(Discontinued)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	CCL11
Gene ID :	6356
Uniprot ID :	P51671
Alternative Name :	Eotaxin; C-C motif chemokine 11; Eosinophil chemotactic protein; Small-inducible cytokine A11; CCL11; SCYA11
Isotype :	Rabbit IgG

Description

Eotaxin, also known as CCL11(Chemokine(C-C motif) ligand 11), a small cytokine belonging to the CC chemokine family. Eotaxin selectively recruits eosinophils by inducing their chemotaxis, and therefore, is implicated in allergic responses. The effects of Eotaxin are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for which Eotaxin is a ligand include CCR2, CCR3 and CCR5. However, it has been found that eotaxin-1(CCL11) has high degree selectivity for its receptor, such that they are inactive on neutrophils and monocytes, which do not express CCR3. The gene for human Eotaxin is encoded on three exons and is located on chromosome 17q12.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ . Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml

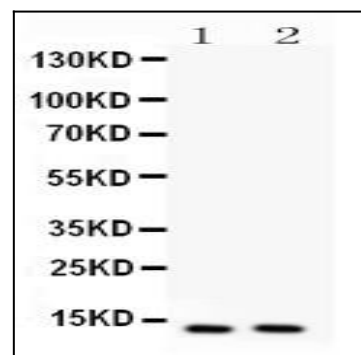


Figure 1: Anti-Eotaxin antibody(39-2117). Western blotting: Lanes: Anti Eotaxin(39-2117) at 0.5ug/ml with Lane 1: HELA Whole Cell Lysate at 40ug, Lane 2: MCF-7 Whole Cell Lysate at 40ug. Predicted band size: 11 kDa. Observed band size: 11 kDa.