



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti-Eotaxin

With HRP-conjugated Secondary Antibody

Catalog No.
126-10121

Target Species
Human

Accession Number
NP_002977.1

Target Protein

Principal Names: small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin), small inducible cytokine A11, eotaxin, eosinophil chemotactic protein, SCYA11, MGC22554, chemokine (C-C motif) ligand 11, CCL11

Official Symbol: CCL11

Accession Number(s): NP_002977.1

Human GeneID(s): 6356

Immunogen

Peptide with sequence C-QDSMKYLDQKSPTPK, from the C Terminus of the protein sequence according to NP_002977.1.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

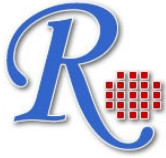
Western blot: No specific signals and low background in Human Colon, Duodenum, Ileum and Lung lysates - our routinely used western blotting protocol does not allow detection of proteins as small as the ligand derived from its precursor or the precursor itself with calculated size of 10.7kDa according to NP_002977.1. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any feedback from people in the field - have any assay results been reported with other antibodies?

Species Reactivity

Tested:

Expected from sequence similarity: Human

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Background Reference

Issa R, Sorrentino R, Sukkar MB, Sriskandan S, Chung KF, Mitchell JA.

Differential regulation of CCL-11/eotaxin-1 and CXCL-8/IL-8 by gram-positive and gram-negative bacteria in human airway smooth muscle cells.

Respir Res. 2008 Apr 1;9:30.

PMID: 18380907

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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