

Datasheet for 200-401-BB0**Eotaxin Antibody****Overview**

Description:	Anti-Eotaxin (RABBIT) Antibody - 200-401-BB0
Item No.:	200-401-BB0
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

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. 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.
Synonyms:	Eotaxin Antibody, SCYA11, SCYA11, Eotaxin, C-C motif chemokine 11
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CCL11
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Eotaxin antibody was raised in rabbits against a peptide corresponding to amino acids near the C-terminus of human eotaxin.
Purity/Specificity:	Anti-Eotaxin Antibody is affinity chromatography purified via peptide column. Cross reactivity with Eotaxin from other sources has not been determined.
Relevant Links:	• UniProtKB - P51671

- [GeneID - 6356](#)
- [NCBI - CAB07027](#)

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-Eotaxin Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry, and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 11 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	10 µg/mL
WB:	1 µg/mL

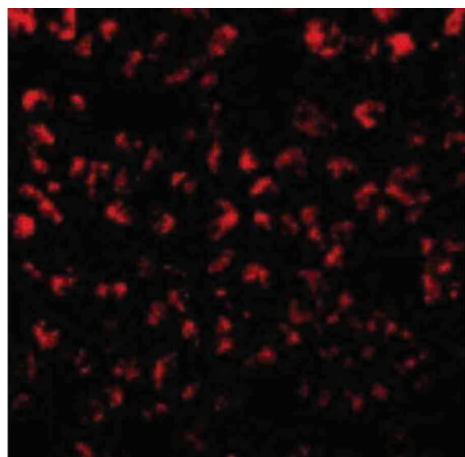
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

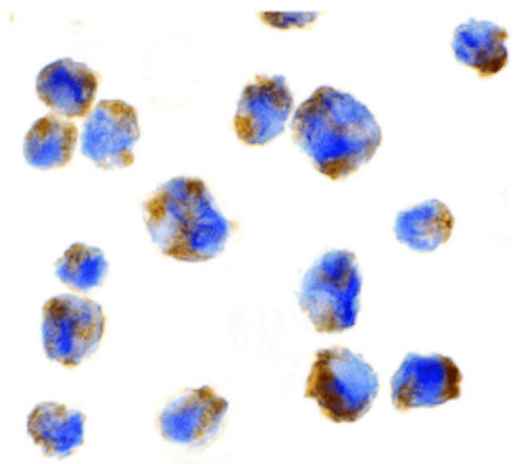
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



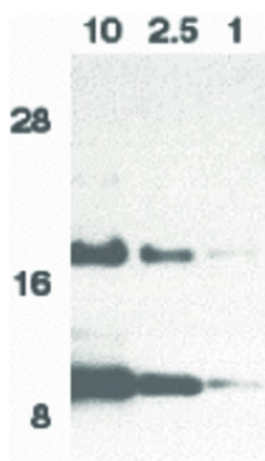
Immunofluorescence Microscopy

Immunofluorescence Microscopy of Rabbit anti-Eotaxin antibody. Cell Type: 293 cells. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: anti-Eotaxin antibody at 10 µg/mL for 1 h at RT. Secondary antibody: Fluorescein rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: Eotaxin is extracellular. Staining: Eotaxin as red fluorescent signal with bis-benzimide (blue) nuclear counterstain.



Immunohistochemistry

Immunocytochemistry of Rabbit anti-Eotaxin antibody. Cell Type: 293 cells. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: anti-Eotaxin antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: Eotaxin is extracellular. Staining: Eotaxin as precipitated brown signal with hematoxylin purple nuclear counterstain.



Western Blot

Western Blot of Rabbit anti-Eotaxin antibody. Lane 1: HeLa cell lysate containing 10 ng of full recombinant eotaxin using anti-eotaxin antibody at 1 µg/mL. Lane 2: HeLa cell lysate containing 2.5 ng of full recombinant eotaxin using anti-eotaxin antibody at 1 µg/mL. Lane 3: HeLa cell lysate containing 1 ng of full recombinant eotaxin using anti-eotaxin antibody at 1 µg/mL. Load: 35 µg per lane. Primary antibody: anti-eotaxin antibody at 1:400 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 128 kDa, 128 kDa for Eotaxin. Other band(s): Eotaxin splice variants and isoforms.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.