

Anti-Eotaxin antibody [EPR5825] - BSA and Azide free ab226143

Recombinant RabMAb

6 Images

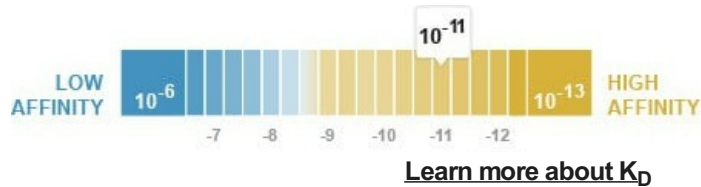
Overview

Product name	Anti-Eotaxin antibody [EPR5825] - BSA and Azide free
Description	Rabbit monoclonal [EPR5825] to Eotaxin - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Eotaxin recombinant protein; Human lung tissue
General notes	<p>ab226143 is the carrier-free version of ab133604.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant (K_D)	K _D = 7.10 x 10 ⁻¹¹ M



Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5825
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab226143 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

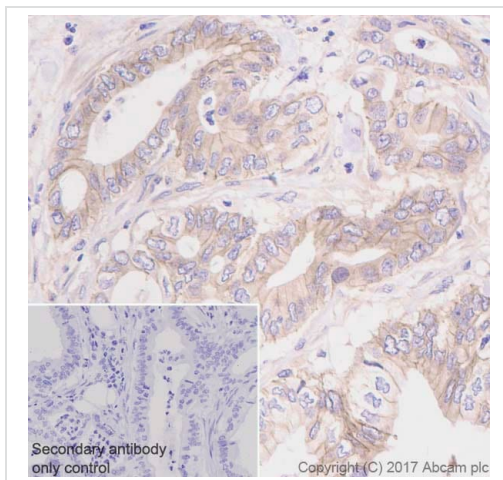
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 8 kDa (predicted molecular weight: 11 kDa). Note: tested against Eotaxin recombinant protein
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .

Application notes Is unsuitable for IP.

Target

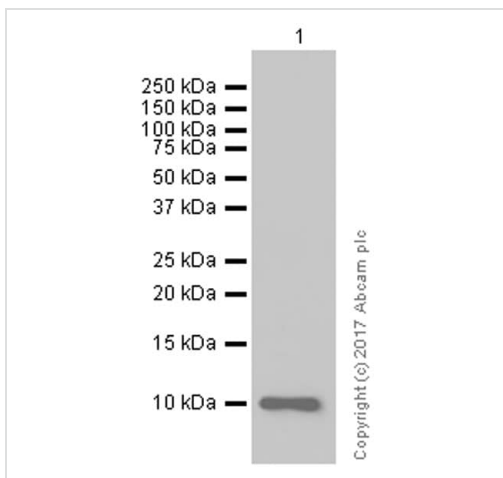
Function	In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3.
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.
Post-translational modifications	O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

This data was developed using [ab133604](#), the same antibody clone in a different buffer formulation. Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pancreatic carcinoma tissue sections labeling Eotaxin with Purified [ab133604](#) at 1:100 dilution (1.21 µg/ml). Heat mediated antigen retrieval was performed using EDTA Buffer, pH9.0. Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

Anti-Eotaxin antibody [EPR5825] ([ab133604](#)) at 1/10000 dilution (purified) + Human Eotaxin recombinant protein at 0.015 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

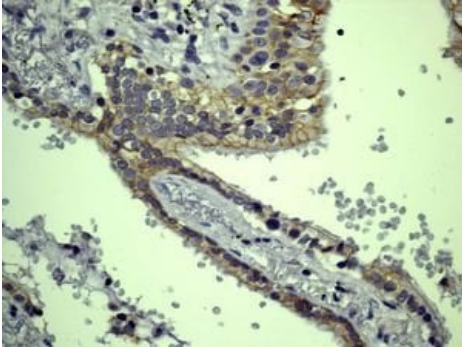
Predicted band size: 11 kDa

Observed band size: 8 kDa

This data was developed using [ab133604](#), the same antibody clone in a different buffer formulation.

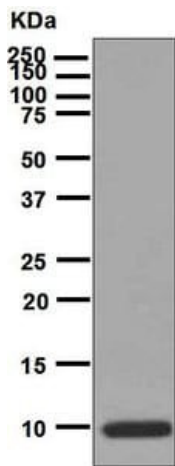
Blocking and dilution buffer: 5% NFD/MTBST.

Recombinant protein source: Peprtech Inc. The region it covers: aa24-aa97(8.3kDa). **Tag info:** N/A.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

This data was developed using [ab133604](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human lung tissue labelling Eotaxin with unpurified [ab133604](#) at 1/1000. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



Western blot - Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

Anti-Eotaxin antibody [EPR5825] ([ab133604](#)) at 1/1000 dilution (unpurified) + Eotaxin recombinant protein at 0.01 µg

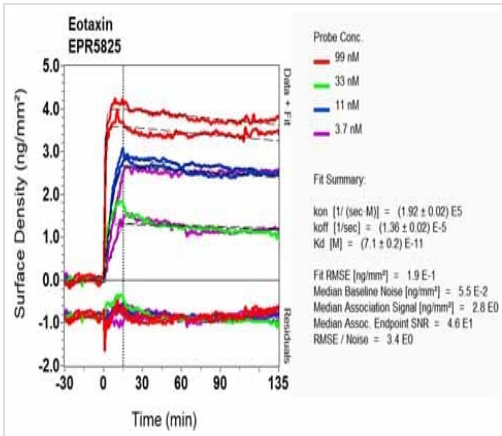
Secondary

Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 11 kDa

Observed band size: 8 kDa

This data was developed using [ab133604](#), the same antibody clone in a different buffer formulation.



OI-RD Scanning - Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

This data was developed using [ab133604](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Eotaxin antibody [EPR5825] - BSA and Azide free (ab226143)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors