

Product datasheet

Anti-CCR8 antibody [E77] ab32399

Recombinant RabMAb

[1 References](#) [6 Images](#)

Overview

Product name	Anti-CCR8 antibody [E77]
Description	Rabbit monoclonal [E77] to CCR8
Host species	Rabbit
Specificity	Does not cross-react with other G-protein coupled receptor 1 family members.
Tested applications	Suitable for: ELISA, WB, IP Unsuitable for: Flow Cyt or ICC/IF
Species reactivity	Reacts with: Human, Recombinant fragment
Immunogen	Synthetic peptide corresponding to Human CCR8.
Epitope	Residues in loop 2 extracellular domain of human CCR8
Positive control	WB: Human Thymus and spleen tissue lysates; A431 cell lysate IP: Human thymus tissue lysate
General notes	<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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA

Purity	Protein A purified
Clonality	Monoclonal
Clone number	E77
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab32399 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
ELISA		Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).
IP		1/110.

Application notes Is unsuitable for Flow Cyt or ICC/IF.

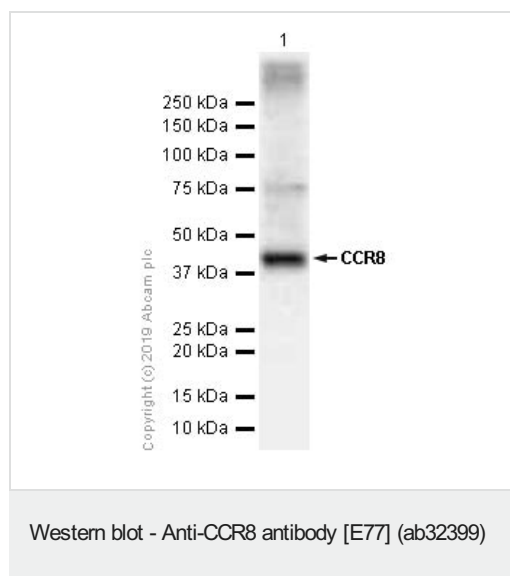
Target

Function Receptor for the chemokine CCL1/SCYA1/I-309. May regulate monocyte chemotaxis and thymic cell line apoptosis. Alternative coreceptor with CD4 for HIV-1 infection.

Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



Anti-CCR8 antibody [E77] (ab32399) at 1/1000 dilution (Purified) + A431 (Human epidermoid carcinoma epithelial cell) whole cell lysates at 15 µg

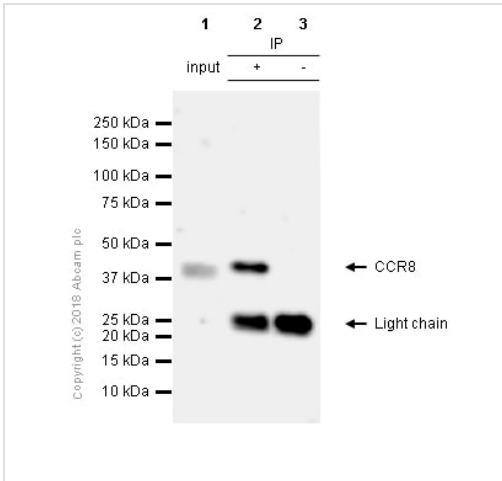
Secondary

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

Predicted band size: 41 kDa

Observed band size: 41 kDa

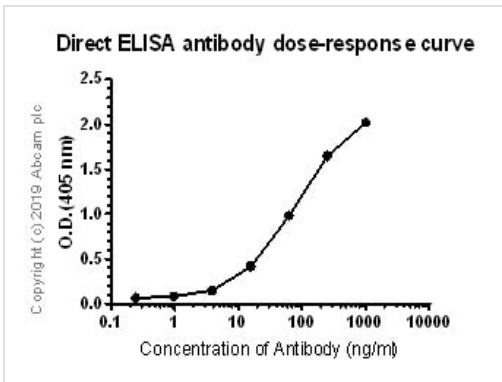
Blocking/Diluting Buffer and concentration: 5% NFD/MBST



Immunoprecipitation - Anti-CCR8 antibody [E77]
(ab32399)

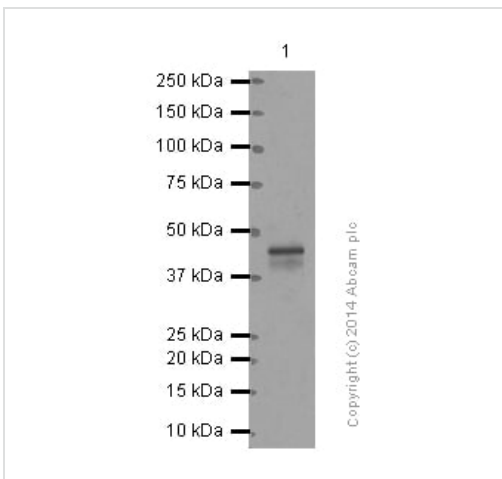
ab32399 (purified) at 1/110 dilution (20 µg/mL)
immunoprecipitating CCR8 in Human thymus lysate. Human thymus lysate 10 µg + ab32399 & Human thymus lysate + Rabbit monoclonal IgG (**ab172730**) instead of ab32399 in Human thymus lysate
For western blotting, ab32399 at 1/500 dilution (4.45 µg/mL) and VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDm /TBST .



ELISA - Anti-CCR8 antibody [E77] (ab32399)

ELISA using Human CCR8 Antigen at a concentration of 1000 ng/ml; and purified ab32399 at 1000-0 ng/ml. Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) was used as the secondary antibody at a 1:2500 dilution.



Western blot - Anti-CCR8 antibody [E77] (ab32399)

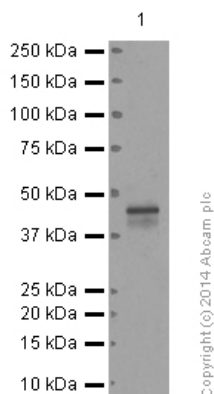
Anti-CCR8 antibody [E77] (ab32399) at 1/5000 dilution (unpurified)
+ Human Thymus lysate at 15 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase at 1/20000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa



Anti-CCR8 antibody [E77] (ab32399) at 1/5000 dilution (unpurified)
+ Human spleen tissue lysate at 15 µg

Secondary





Goat anti-Rabbit IgG, (H+L), peroxidase conjugated at 1/20000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

Western blot - Anti-CCR8 antibody [E77] (ab32399)

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-CCR8 antibody [E77] (ab32399)

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

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