abcam

Product datasheet

HRP Anti-CCR3 antibody [Y31] ab200020

Recombinant RabMAb

2 Images

Overview

Product name	HRP Anti-CCR3 antibody [Y31]
Description	HRP Rabbit monoclonal [Y31] to CCR3
Host species	Rabbit
Conjugation	HRP
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Macaque monkey
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: K562 and Daudi whole cell lysates.
General notes	Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	Y31
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab200020 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		1/5000. Detects a band of approximately 51 kDa (predicted molecular weight: 43 kDa).

Target

Function	Receptor for a C-C type chemokine. Binds to eotaxin, eotaxin-3, MCP-3, MCP-4, RANTES and MIP-1 delta. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.
Tissue specificity	In eosinophils as well as trace amounts in neutrophils and monocytes.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images

Western blot - HRP Anti-CCR3 antibody [Y31] (ab200020)

All lanes : HRP Anti-CCR3 antibody [Y31] (ab200020) at 1/5000 dilution

Lane 1 : K562 (Human erythromyeloblastoid leukemia cell line) Whole Cell Lysate
Lane 2 : Daudi (Human Burkitt's lymphoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

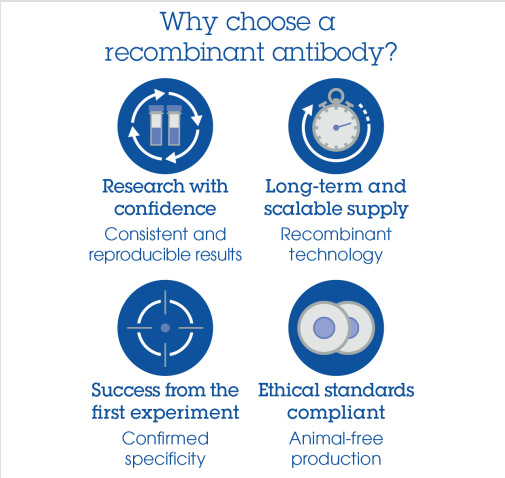
Performed under reducing conditions.

Predicted band size: 43 kDa
Observed band size: 51 kDa

Exposure time: 1 minute

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab200020 overnight at

4°C. Antibody binding was visualised using ECL development solution **ab133406**.



HRP Anti-CCR3 antibody [Y31] (ab200020)

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