Datasheet: AAM73

Description:	GOAT ANTI MOUSE CD193 (N-TERMINAL)
Specificity:	CD193 (N-TERMINAL)
Other names:	CCR3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			1/125
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/500

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1)**This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.**

Target Species

Mouse

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to mouse CD193 (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN_3)
0.1% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Synthetic peptide TDEIKTVVESFETTPYEYEWAPPC corresponding to amino acids 5-28 within the N-terminal region of mouse CD193.
External Database Links	**UniProt:** P51678 Related reagents **Entrez Gene:** 12771 Ccr3 Related reagents
Synonyms	Cmkbr1l2, Cmkbr3
RRID	AB_2275674
Specificity	**Goat anti Mouse CD193 antibody** recognizes an epitope within the N-terminal (NT) region of mouse CD193, otherwise known as C-C chemokine receptor type 3 or CCR3. CD193 is a 359 amino acid ~42 kDa multi pass transmembrane glycoprotein and member of the G-protein coupled receptor 1 family (UniProt: P51678). CD193 is expressed by basophils, eosinophils, microglia, Th2 cells and dendritic cells. CD193 acts as a receptor for eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13) and RANTES (CCL5), the former being a chemoattractant for eosinophils and basophils. CD193 is involved in leukocyte chemotaxis and, along with CD191 (CCR1), is implicated as a regulator of T cell and dendritic cell interaction during the process of antigen presentation. CD193 is implicated as an activator of eosinophils in allergic lung disease, and is a useful TH2 cell marker in monitoring immune responses. Goat anti Mouse CD193 antibody is reported as suitable for use in immunocytochemistry on acetone fixed cells.
Histology Positive Control Tissue	Spleen
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP

Recommended Useful Reagents

ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)
100x ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	**Worldwide**	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	**Europe**	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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