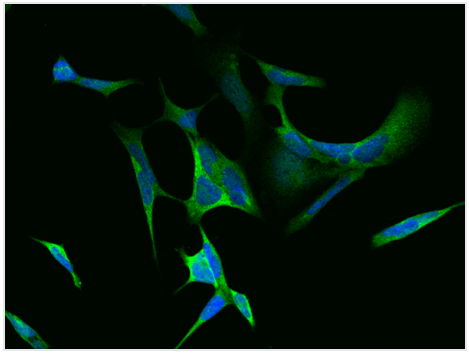
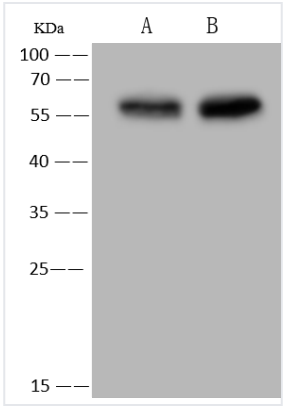
CCR3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCR3, Polyclonal Antibody
Full Product Name	Anti-CCR3 Antibody, Rabbit Polyclonal
Product Gene Name	anti-CCR3 antibody
Product Synonym Names	chemokine (C-C motif) receptor 3; Anti-CC-CKR-3 Antibody; Anti-CD193 Antibody; Anti-CKR3 Antibody; Anti-CMKBR3 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human CCR3
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human CCR3
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CCR3, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-CCR3 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)
Application Notes for anti-CCR3 antibody	WB: 1:500-1:2000 ICC/IF: 1:50-1:200
Related Product Information for anti-CCR3 antibody	Tumors formed by lung adenocarcinoma cells with high expression of CCL28 grew faster and had a higher vascular density, whereas tumor formation rate of lung adenocarcinoma cells with CCL28 expression knockdown was quite low and had a lower vascular density. CCR3, receptor of CCL28, was highly expressed in vascular endothelial cells in lung adenocarcinoma when examining by immunohistochemistry. CCL28, as a chemokine induced by tumor hypoxia, could promote angiogenesis in lung adenocarcinoma through targeting CCR3 on microvascular endothelial cells. CCL28-CCR3 interactions are involved in the homeostatic trafficking of CD4(+) T cells to the upper airways.
Product References and Citations for anti-CCR3 antibody	Tumors formed by lung adenocarcinoma cells with high expression of CCL28 grew faster and had a higher vascular density, whereas tumor formation rate of lung adenocarcinoma cells with CCL28 expression knockdown was quite low and had a lower vascular density. CCR3, receptor of CCL28, was highly expressed in vascular endothelial cells in lung adenocarcinoma when examining by immunohistochemistry. CCL28, as a chemokine induced by tumor hypoxia, could promote angiogenesis in lung adenocarcinoma through targeting CCR3 on microvascular endothelial cells. CCL28-CCR3 interactions are involved in the homeostatic trafficking of CD4(+) T cells to the upper airways.
Other Notes	Small volumes of anti-CCR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCR3 purchase	MBS8124585 is an antibody targeting CCR3. Also known as Anti-CCR3 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-CCR3 antibody
Immunofluorescence staining of CCR3 in HEK293 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human KLH-SMCCA451 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm and Cell membrane.



Western Blot (WB) of anti-CCR3 antibody
Anti-CD193 rabbit polyclonal antibody at 1:500 dilutionLane A: K562 Whole Cell LysateLane B: Daudi Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilutionDeveloped using the ECL technique.Performed under reducing conditions.Predicted band size:43 kDaObserved band size:62 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCR3. It may not necessarily be applicable to this product.

Protein Family	C-C chemokine receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ccr3/8124585