

Rat CDw199 Monoclonal Antibody | anti-CDw199 antibody

RAT ANTI MOUSE CDw199

CATALOG # AAA49744	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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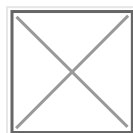
PRODUCT SYNONYMS

CDw199; Monoclonal Antibody; RAT ANTI MOUSE CDw199; anti-CDw199 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	9B1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	369
Applicable Applications for anti-CDw199 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN3) Preparation
Immunogen	25 amino acids from the amino terminal of murine CCR9, coupled to KLH. Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



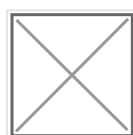
Application Data

Staining of mouse thymocytes with Rat anti Mouse CDw199



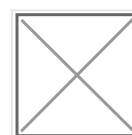
Application Data

Staining of mouse thymocytes with Rat anti Mouse CDw199:RPE



Application Data

Staining of mouse thymocytes with Rat anti Mouse CDw199:Alexa Fluor 488



Application Data

Staining of mouse thymocytes with Rat anti Mouse CDw199:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CDw199 antibody	Rat anti Mouse CDw199 antibody, clone 9B1 detects mouse chemokine receptor 9 (CCR9), also known as CDw199. CCR9 is a seven transmembrane protein which is a member of the beta chemokines receptor family. CCR9 is expressed in thymus and small intestine, and mediates the recruitment and development of thymocytes in response to CCL25; the only known ligand of CCR9. CCR9 is an alternative co-receptor with CD4 for HIV infection, and has been implicated in adult T cell leukaemia. Two alternatively spliced transcript variants have been described. Clone 9B1 blocks CCL25-induced Ca2+ release, attenuating inflammation in a murine model of chronic ileitis when given in early disease stages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262231802
NCBI GeneID	12769
NCBI Accession #	NP_001160097.1
NCBI GenBank Nucleotide #	NM_001166625.1
UniProt Accession #	Q9WUT7; Q543I4; A2RSM5
Molecular Weight	41,913 Da
NCBI Official Full Name	C-C chemokine receptor type 9
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 9
NCBI Official Symbol	Ccr9
NCBI Official Synonym Symbols	Cmkbr10; GPR-9-6; A130091K22Rik
NCBI Protein Information	C-C chemokine receptor type 9; C-C CKR-9; CC-CKR-9; CCR-9; chemokine C-C receptor 10
UniProt Protein Name	C-C chemokine receptor type 9
UniProt Gene Name	Ccr9
UniProt Synonym Gene Names	Cmkbr10; C-C CKR-9; CC-CKR-9; CCR-9
UniProt Entry Name	CCR9_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdw199-antibody-clone-9b1-flow-cytometry-elisa/49744>