

Rat CCR7 Monoclonal Antibody | anti-CCR7 antibody

CCR7 antibody (biotin)

CATALOG # AAA106815	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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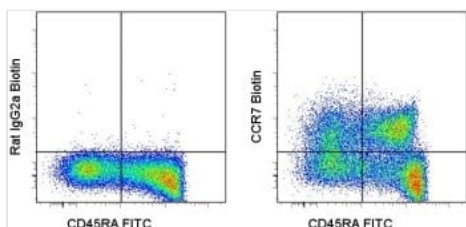
PRODUCT SYNONYMS

CCR7; Monoclonal Antibody; CCR7 antibody (biotin); Monoclonal CCR7; Anti-CCR7; CCR-7; CCR 7; EBI-1; MIP-3 beta Receptor; CMKBR7; C-C chemokine receptor type 7; anti-CCR7 antibody

PRODUCT SPECIFICATIONS

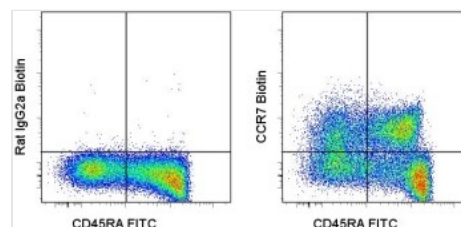
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	3D12
Specificity	Human
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	500 ug/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-CCR7 antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The 3D12 monoclonal antibody reacts with human CCR7, also known as EBI-1 and CD197. CCR7 is a member of the G-protein-coupled chemokine receptor family with seven membrane-spanning domains and functions as a receptor for 6Ckine/SLC, CCL19 and CCL21. CCR7 has been shown to be internalized via clathrin-coated pits and the majority recycled back to the plasma membrane. CCR7 is expressed on T cells and can be used to distinguish populations of na
Tag/Conjugate	Biotin
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using CCR7 antibody staining of normal human peripheral blood cells with CD45RA antibody (FITC) and 1.0 ug of Rat IgG2a K Isotype Control (biotin) (left) or 1.0 ug of CD197 antibody (biotin) (right) followed by Streptavidin (PE). Cells in the lymphocyte gate were used for analysis.



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using CCR7 antibody staining of normal human peripheral blood cells with CD45RA antibody (FITC) and 1.0 ug of Rat IgG2a K Isotype Control (biotin) (left) or 1.0 ug of CD197 antibody (biotin) (right) followed by Streptavidin (PE). Cells in the lymphocyte gate were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR7 antibody	Rat monoclonal CCR7 antibody (biotin)
Product Categories/Family for anti-CCR7 antibody	Signal Transduction; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502641
NCBI GeneID	1236
NCBI Accession #	NP_001829.1
NCBI GenBank Nucleotide #	NM_001838.3
UniProt Accession #	P32248
Molecular Weight	42,874 Da
NCBI Official Full Name	C-C chemokine receptor type 7
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 7
NCBI Official Symbol	CCR7
NCBI Official Synonym Symbols	BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7
NCBI Protein Information	C-C chemokine receptor type 7
UniProt Protein Name	C-C chemokine receptor type 7
UniProt Gene Name	CCR7
UniProt Synonym Gene Names	CMKBR7; EBI1; EVI1; C-C CKR-7; CC-CKR-7; CCR-7; EBI1; EBV-induced G-protein coupled receptor 1
UniProt Entry Name	CCR7_HUMAN

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://www.aaabiotech.com/monoclonal/ccr7-antibody-clone-3d12-flow-cytometry-elisa/106815>