

Goat anti-Human CD197 Polyclonal Antibody | anti-CD197 antibody

GOAT ANTI MOUSE CD197

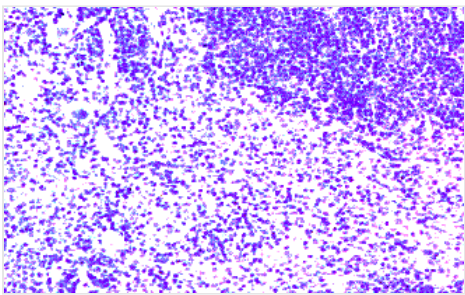
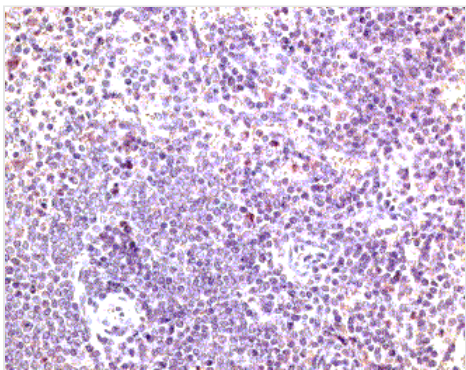
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50065	Goat	Human	Western Blot, Immunohistochemistry, Functional Assay, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

CD197; Polyclonal Antibody; GOAT ANTI MOUSE CD197; anti-CD197 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-CD197 antibody	WB (Western Blot), IHC (Immunohistochemistry), FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Perservative Stabilisers	0.1% Sodium Azide 0.1% Bovine Serum Albumin.
Histology Positive Control Tissue	Spleen. Buffer Solution
Antiserum Preparation	Antiserum to mouse CD197 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Mouse
Preparation and Storage	Store at -20 degree C only. 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.



Application Data
Paraffin embedded mouse spleen stained with Goat anti mouse CD197 (AAA50065)

Application Data
Paraffin embedded human spleen stained with Goat anti mouse CD197 (AAA50065)

ADDITIONAL INFORMATION

Related Product Information for anti-CD197 antibody	Goat anti Mouse CD197 antibody recognizes mouse C-C chemokine receptor type 7, also known as CD197, CCR7, Epstein-Barr virus-induced G-protein coupled receptor 1 or MIP-3 beta receptor. CD197 is a 378 amino acid ~43 kDa multi pass type III transmembrane glycoprotein and member of the G-protein coupled receptor 1 family (UniProt: P74447). CD197 is expressed by various lymphoid tissues, activated B and T cells, naive T cells, NK cells and dendritic cells (DCs), which acts a high-affinity receptor for the chemokines MIP-3beta (CCL19) and CCL21. Ligand binding of CD197 plays a vital role in the homing of naive T cells and antigen-loaded DCs into secondary organs. Expression of CD197 is strongly up-regulated in B cells infected with Epstein-Barr virus (EBV) and T cells infected with herpesvirus 6 or 7. Goat anti Mouse CD197 antibody can be used in research studies to distinguish between central memory and effector memory T cells and is reported as suitable for use in immunocytochemistry.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502641
NCBI GeneID	1236
NCBI Accession #	NP_001829.1
NCBI GenBank Nucleotide #	NM_001838.3
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; Bukitt's lymphoma receptor 2; CC chemokine receptor 7; EBV-induced G protein-coupled receptor 1; Epstein-Barr virus induced gene 1; Epstein-Barr virus-induced G-protein coupled receptor 1; MIP-3 beta receptor; lymphocyte-specific G protein-coupled peptide receptor
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.

