

CD97 recombinant antibody

CD97 Antibody

CATALOG #
AAA235195

APPLICATIONS
Immunofluorescence, Immunohistochemistry, ELISA

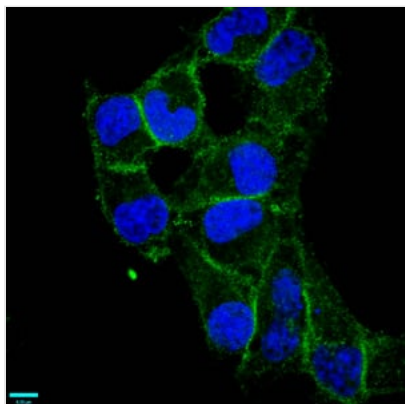
PRODUCT SYNONYMS

CD97; Monoclonal Recombinant Antibody; CD97 Antibody; CD97 antigen; Leukocyte antigen CD97; CD97 antigen subunit alpha; CD97 antigen subunit beta; CD97 recombinant antibody

PRODUCT SPECIFICATIONS

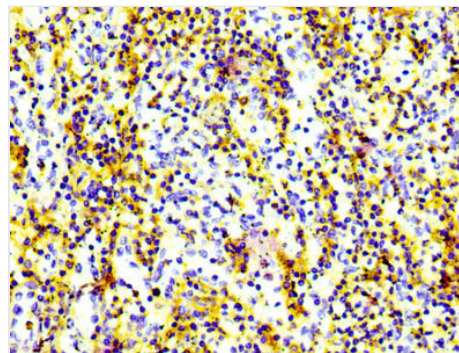
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	786
Applicable Applications for CD97 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	A synthesized peptide
Conjugation	Non-conjugated
Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



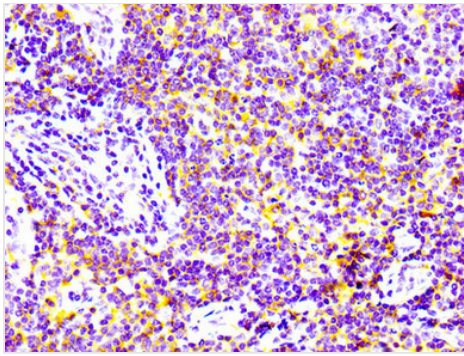
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA235195 at 1:87.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA235195 diluted at 1:100 and staining in paraffin-embedded human spleen tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA235195 diluted at 1:100 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for CD97 recombinant antibody	Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration (By similarity).
Product Categories/Family for CD97 recombinant antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	68508955
NCBI GeneID	976
NCBI Accession #	NP_001020331.1
NCBI GenBank Nucleotide #	NM_001025160.2
UniProt Accession #	P48960; O00718; O76101; Q8NG72; Q8TBQ7; A8K7Z4; B2RBJ9
Molecular Weight	86,628 Da
NCBI Official Full Name	CD97 antigen isoform 3 preproprotein
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor E5
NCBI Official Symbol	ADGRE5
NCBI Official Synonym Symbols	CD97; TM7LN1
NCBI Protein Information	CD97 antigen
UniProt Protein Name	CD97 antigen
UniProt Gene Name	CD97

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/cd97-recombinant-antibody-immunofluorescence-immunohistochemistry-elisa/235195>