

CD97 Antibody
Rabbit mAb
Catalog # AP91572

Specification

CD97 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P48960
Clonality	Monoclonal
Other Names	
ADGRE5; Adhesion G protein-coupled receptor E5; CD97 antigen; Leukocyte antigen CD97; Seven span transmembrane protein; TM7LN1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	91869 Da

CD97 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD97
Description	Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD97 Antibody - Protein Information

Name ADGRE5 ([HGNC:1711](#))

Function

Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9Z0M6}; Multi-pass membrane protein

Tissue Location

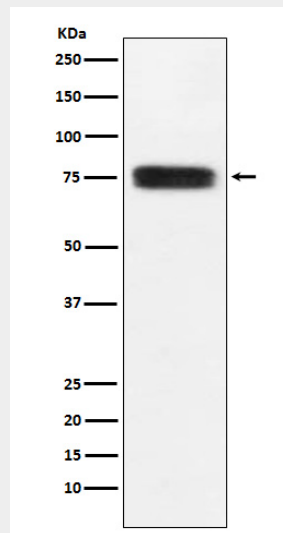
Broadly expressed, found on most hematopoietic cells, including activated lymphocytes, monocytes, macrophages, dendritic cells, and granulocytes. Expressed also abundantly by smooth muscle cells. Expressed in thyroid, colorectal, gastric, esophageal and pancreatic carcinomas too. Expression are increased under inflammatory conditions in the CNS of multiple sclerosis and in synovial tissue of patients with rheumatoid arthritis. Increased expression of CD97 in the synovium is accompanied by detectable levels of soluble CD97 in the synovial fluid

CD97 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD97 Antibody - Images



Western blot analysis of CD97 expression in U937 cell lysate.