

**CD97 Antibody**  
**Rabbit mAb**  
**Catalog # AP92243****Specification**

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**CD97 Antibody - Product Information**

Application	WB, IHC, FC
Primary Accession	<a href="#">P48960</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
ADGRE5; CD97; 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
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

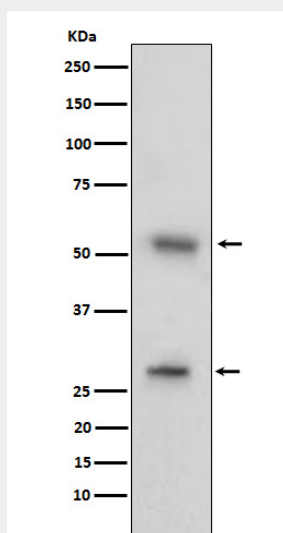
muscle cells. Expressed in thyroid, colorectal, gastric, esophageal and pancreatic carcinomas too. Expression are increased under inflammatory conditions in the CNS of multiple sclerosis and in synovial tissue of patients with rheumatoid arthritis. Increased expression of CD97 in the synovium is accompanied 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 human tonsil cell lysate.