

## **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. Rabbit IgG in phosphate buffered saline,

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)

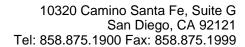
#### **Function**

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**





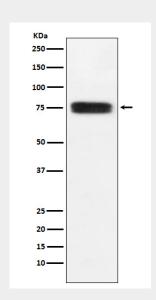
Broadly expressed, found on most hematopoietic cells, including activated lymphocytes, monocytes, macrophages, dendritic cells, and granulocytes. Expressed also abundantly by smooth muscle cells. Expressed in thyroid, colorectal, gastric, esophageal and pancreatic carcinomas too. Expression are increased 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 Cytomety
- Cell Culture

# **CD97 Antibody - Images**



Western blot analysis of CD97 expression in U937 cell lysate.