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CD97 Antibody

Rabbit mAb
Catalog # AP91572

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P48960
Reactivity	Human, Mouse
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

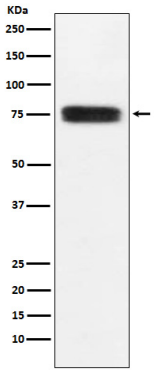
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
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.

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

Images



Western blot analysis of CD97 expression in U937 cell lysate.