

Anti-CD97 Monoclonal Antibody

Catalog # ABO14543

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P48960
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-CD97 Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.

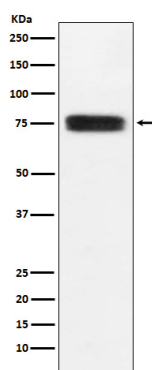
Additional Information

Gene ID	976
Other Names	Adhesion G protein-coupled receptor E5 {ECO:0000312 HGNC:HGNC:1711}, Leukocyte antigen CD97, CD97, Adhesion G protein-coupled receptor E5 subunit alpha, Adhesion G protein-coupled receptor E5 subunit beta, ADGRE5 (HGNC:1711)
Calculated MW	91869
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADEF-3
Immunogen	A synthesized peptide derived from human CD97 Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.