

KD-Validated Anti-CD97 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1231

Product Information

Application	WB, FC, ICC
Primary Accession	P48960
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3740
Calculated MW	91869
Gene Name	ADGRE5
Aliases	ADGRE5; Adhesion G Protein-Coupled Receptor E5; Leukocyte Antigen CD97; TM7LN1; CD97; Seven-Transmembrane, Heterodimeric Receptor Associated With Inflammation; Seven Transmembrane Helix Receptor; Seven-Span Transmembrane Protein; CD97 Molecule; CD97 Antigen
Immunogen	A synthesized peptide derived from human CD97

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)

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

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