

Anti-CD97 Reference Antibody (Henan U. patent anti-CD97)

Catalog # APR11363

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P48960
Reactivity	Human
Clonality	Monoclonal
Isotype	ScFv-C-6His
Calculated MW	91869

Additional Information

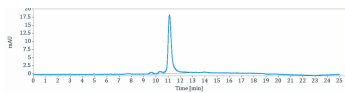
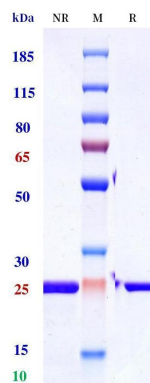
Target/Specificity	CD97
Expression system	CHO

Protein Information

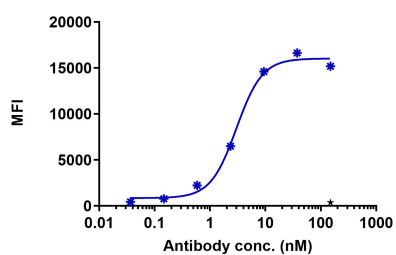
Name	ADGRE5 (HGNC:1711)
Function	Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q9Z0M6}; Multi-pass membrane protein
Tissue Location	Broadly 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

Anti-CD97 Reference Antibody (Henan U. patent anti-CD97) on SDS-PAGE under reducing (R) condition.
The purity of the protein is greater than 95%.



The purity of Anti-CD97 Reference Antibody (Henan U. patent anti-CD97) is 100%, determined by SEC-HPLC.



Hu-CD97-FL-HEK293-A11 cell line were stained with Henan U. patent anti-CD97 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 2.947 nM.

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