10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ADGRE5 / CD97 Antibody (N-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10561

Specification

ADGRE5 / CD97 Antibody (N-Terminus) - Product Information

Application	**IHC, ICC**
Primary Accession	P48960
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**92kDa KDa**

ADGRE5 / CD97 Antibody (N-Terminus) - Additional Information

Gene ID 976

Other Names
CD97 antigen, Leukocyte antigen CD97, CD97, CD97 antigen subunit alpha, CD97 antigen subunit beta, CD97

Target/Specificity
Human CD97. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MAP3K12 (58%).

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
ADGRE5 / CD97 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ADGRE5 / CD97 Antibody (N-Terminus) - 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

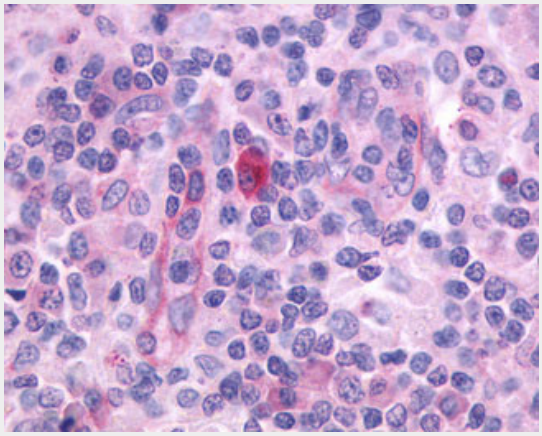
Volume
50 µl

ADGRE5 / CD97 Antibody (N-Terminus) - Protocols

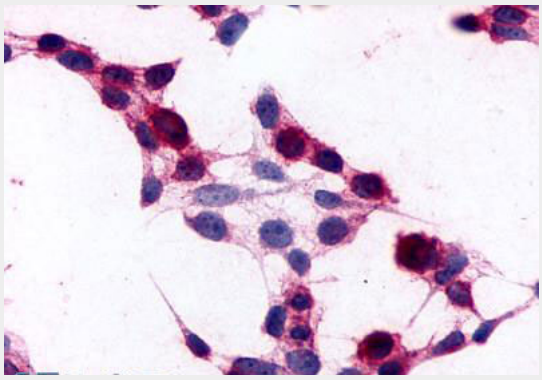
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ADGRE5 / CD97 Antibody (N-Terminus) - Images



Anti-CD97 antibody IHC of human Lymph Node, Hodgkins Lymphoma.



Anti-CD97 antibody ALS10561 immunocytochemistry (ICC) staining of HEK293 human embryonic kidney...

ADGRE5 / CD97 Antibody (N-Terminus) - Background

Receptor potentially involved in both adhesion and signaling processes early after leukocyte

activation. Plays an essential role in leukocyte migration (By similarity).

ADGRE5 / CD97 Antibody (N-Terminus) - References

Hamann J.,et al.J. Immunol. 155:1942-1950(1995).
Hamann J.,et al.Genomics 32:144-147(1996).
Hamann J.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Gray J.X.,et al.J. Immunol. 157:5438-5447(1996).
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.