

ADGRE5 antibody

Product Information

Catalog No.:	FNab01510
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a member of the EGF-TM7 subfamily of adhesion G protein-coupled receptors, which mediate cell-cell interactions. These proteins are cleaved by self-catalytic proteolysis into a large extracellular subunit and seven-span transmembrane subunit, which associate at the cell surface as a receptor complex. The encoded protein may play a role in cell adhesion as well as leukocyte recruitment, activation and migration, and contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Expression of this gene may play a role in the progression of several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms with 3 to 5 EGF-like repeats have been observed for this gene. This gene is found in a cluster with other EGF-TM7 genes on the short arm of chromosome 19.

Immunogen information

Immunogen:	CD97 molecule
Synonyms:	Adhesion G protein-coupled receptor E5 Leukocyte antigen CD97 Adhesion G protein-coupled receptor E5 subunit alpha Adhesion G protein-coupled receptor E5 subunit beta ADGRE5 CD97
Observed MW:	105 kDa
Uniprot ID :	P48960

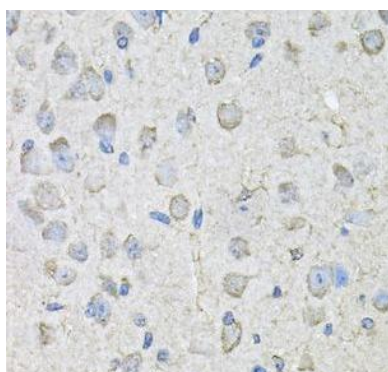
Application

Reactivity: Human, Mouse, Rat

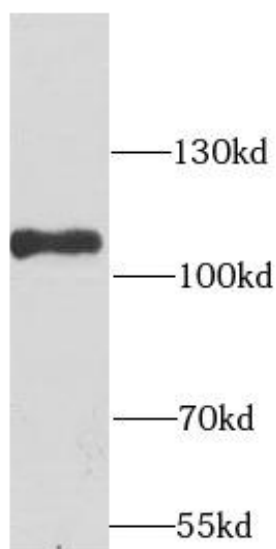
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded mouse brain using FNab01510(CD97 antibody) at dilution of 1:100



K-562 cells were subjected to SDS PAGE followed by western blot with FNab01510(CD97 antibody) at dilution of 1:1000