

Cleaved-CD97Beta (S531) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01916
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD97 beta. AA range:512-561
Mol wt	91869
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cleaved-CD97beta (S531) Antibody
Synonyms	CD97; CD97 antigen; Leukocyte antigen CD97; CD antigen CD97

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ADGRE5 (adhesion G protein-coupled receptor E5) 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 ADGRE5 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 ADGRE5. This gene is found in a cluster with other EGF-TM7 genes on the short arm of chromosome 19.

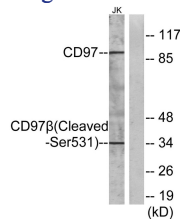
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, treated with etoposide 25uM 24h, using CD97 beta (Cleaved-Ser531) Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year