

Datasheet for ABIN1536136

anti-CD51 antibody (Cleaved-Lys889)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CD51 (ITGAV)
Binding Specificity:	AA 840-889, Cleaved-Lys889
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD51 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ITGAV.
Isotype:	IgG
Specificity:	ITGAV (heavy chain,Cleaved-Lys889) Antibody detects endogenous levels of fragment of activated ITGAV resulting from cleavage adjacent to Lys889.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	ITGAV (ITGAV Products)

Target Details

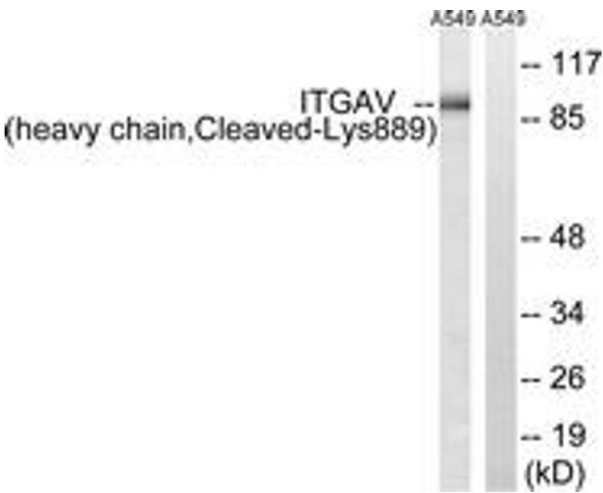
Background:	Synonyms: CD51, integrin alpha-V, ITAV, MSK8, vitronectin receptor alpha, VNRA NCBI Gene Symbol: ITGAV
Molecular Weight:	95 kDa
Gene ID:	3685
OMIM:	193210
UniProt:	P06756
Pathways:	Cell-Cell Junction Organization , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Integrin Complex

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.436873 (NCBI Gene Symbol: ITGAV)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from A549 cells, treated with etoposide 25uM 1h, using ITGAV (heavy chain,Cleaved-Lys889) Antibody. The lane on the right is treated with the synthesized peptide.