Product datasheet

Anti-Integrin Alpha V/ITGAV Antibody (Clone#8B10H2)

Catalog Number: *M01561-2*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-Integrin Alpha V/ITGAV Antibody (Clone#8B10H2)
Gene Name	ITGAV
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Species Reactivity	human, rat
Tested Application	WB, ICC/IF, IHC
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human Integrin alpha V/ITGAV recombinant protein (Position: H732-D970).
Concentration	500 ug/ml
Purification	protein G/A purified
Observed MW	130-140 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence(ICC/IF): 1:50-400 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Integrin alpha-V is a protein that in humans is encoded by the ITGAV gene. It is a member of the beta 3 integrin subfamily(cytoadhesins). The human locus for the av gene(VNRA) was previously mapped to the long arm of chromosome 2. Sims et al.(2000) localized the VNRA gene to 2q31. The gene contains 30 exons and spans over 93 kb of genomic DNA. It functions as a receptor for a group of proteins that includes vitronectin, fibrinogen, thrombospondin, and von Willebrand factor.

Reference

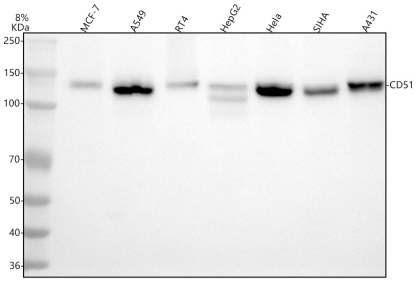
Anti-Integrin Alpha V/ITGAV Antibody (Clone#8B10H2)被引用在1文献中。

Anti-Integrin Alpha V/ITGAV Antibody (Clone#8B10H2)

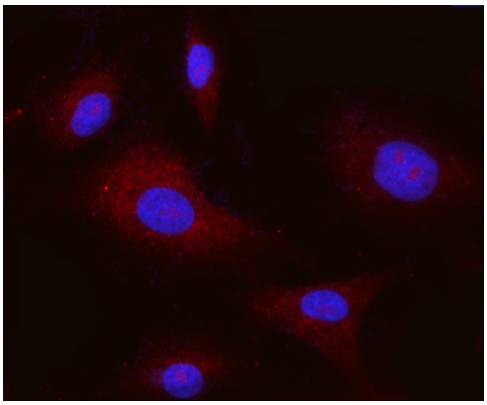
Catalog Number: *M01561-2*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Selected Validation Data



Western blot analysis of anti-Integrin Alpha V/ITGAV antibody (M01561-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human MCF-7 whole cell lysates,
Lane 2: human A549 whole cell lysates,
Lane 3: human RT4 whole cell lysates,
Lane 4: human HepG2 whole cell lysates,
Lane 5: human Hela whole cell lysates,
Lane 6: human SiHa whole cell lysates,
Lane 7: human A431 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with mouse anti-Integrin Alpha V/ITGAV antigen affinity purified monoclonal antibody (M01561-2) at a dilution of 1:1000 and probed with a goat anti-mouse IgG-HRP secondary antibody (Catalog # BA1050). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Integrin Alpha V/ITGAV at approximately 130 kDa. The expected band size for Integrin Alpha V/ITGAV is at 116 kDa.



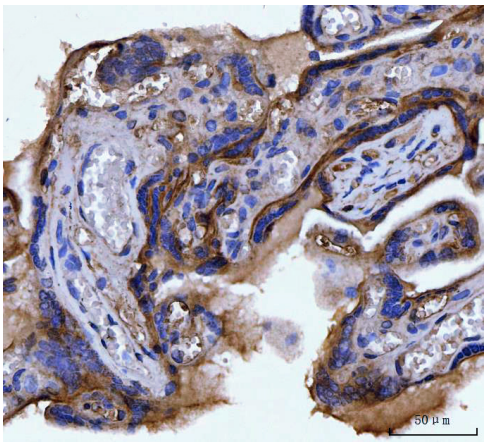
IF analysis of Integrin Alpha V/ITGAV using anti-Integrin Alpha V/ITGAV antibody (M01561-2).
Integrin Alpha V/ITGAV was detected in an immunocytochemical section of A549 cells. The section was incubated with mouse anti-Integrin Alpha V/ITGAV Antibody (M01561-2) at a dilution of 1:100. Cy3-conjugated Anti-mouse IgG Secondary Antibody (red)(Catalog#BA1031) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).

Product datasheet

Anti-Integrin Alpha V/ITGAV Antibody (Clone#8B10H2)

Catalog Number: ***M01561-2***

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com



IHC analysis of Integrin Alpha V/ITGAV using anti-Integrin Alpha V/ITGAV antibody (M01561-2).
Integrin Alpha V/ITGAV was detected in a paraffin-embedded section of human placenta tissue. Biotinylated goat anti-mouse IgG was used as secondary antibody. The tissue section was incubated with mouse anti-Integrin Alpha V/ITGAV Antibody (M01561-2) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB (Catalog # AR1027) as the chromogen.