

[**KO Validated**] Integrin alpha 2 (ITGA2/CD49b) polyclonal antibody

Catalog: BS70832

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes the alpha subunit of a transmembrane receptor for collagens and related proteins. The encoded protein forms a heterodimer with a beta subunit and mediates the adhesion of platelets and other cell types to the extracellular matrix. Loss of the encoded protein is associated with bleeding disorder platelet-type 9. Antibodies against this protein are found in several immune disorders, including neonatal alloimmune thrombocytopenia. This gene is located adjacent to a related alpha subunit gene. Alternative splicing results in multiple transcript variants.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

150KDa

Swiss-Prot:

P17301

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:1000|IHC-P,1:50 - 1:200|IF/ICC,1:50 - 1:200

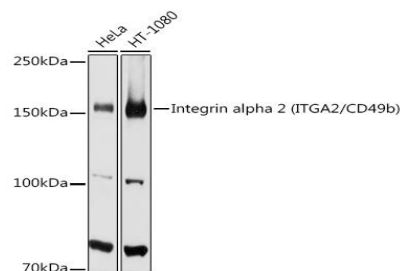
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

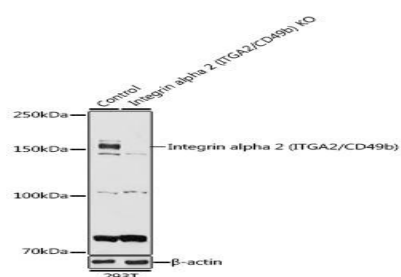
Specificity:

Integrin alpha 2 polyclonal antibody detects endogenous levels of Integrin alpha 2 protein.

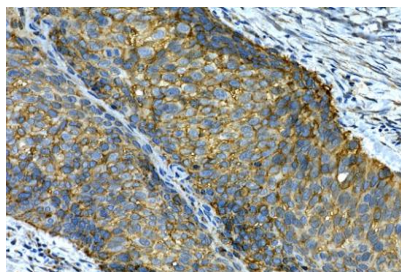
DATA:



Western blot analysis of extracts of various cell lines, using Integrin alpha 2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts from normal and Integrin alpha 2 knockout 293T cells, using Integrin alpha 2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human lung cancer using [KO Validated] Integrin alpha 2 Rabbit pAb at dilution of 1:50. Perform high pressure antigen retrieval with 10 mM citrate buffer

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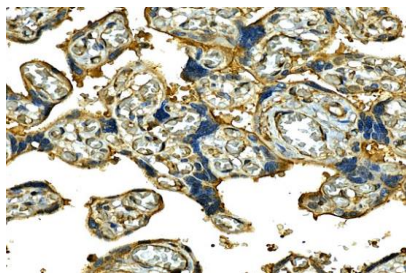
Fax: 0086-025-68035151



PRODUCT DATA SHEET

Bioworld Technology, Inc.

pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human placenta using
[KO Validated] Integrin alpha 2 Rabbit pAb at dilution of
1:50 .Perform high pressure antigen retrieval with 10 mM citrate buffer

pH 6.0 before commencing with IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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