

Rabbit anti-Human, Mouse Integrin beta 4 Monoclonal Antibody | anti-ITGB4 antibody

Integrin beta 4 Antibody

CATALOG # AAA312467	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Integrin beta 4; Monoclonal Antibody; Integrin beta 4 Antibody; CD 104 antibody; CD104 antibody; CD104 antigen antibody; gp150 antibody; Integrin beta 4 subunit antibody; Integrin beta-4 antibody; ITB4_HUMAN antibody; ITG B4 antibody; ITGB 4 antibody; Itgb4 antibody; anti-ITGB4 antibody

PRODUCT SPECIFICATIONS

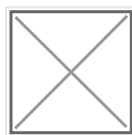
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JM11-06
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ITGB4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



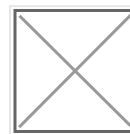
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Integrin beta 4 antibody. Counter stained with hematoxylin.



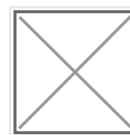
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Integrin beta 4 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Integrin beta 4 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Integrin beta 4 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Integrin beta 4 on Jurkat cells lysates using anti-Integrin beta 4 antibody at 1/500 dilution. Positive control: 1/500 Line 1: A431 Line 2: A549

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB4 antibody	Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen and vitronectin. Certain integrins can also bind to soluble ligands, such as fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Integrin beta 4 (ITGB4), also known as CD104, is a 1, 822 amino acid single-pass type I membrane protein belonging to the Integrin beta chain family. Known to associate with Integrin alpha6, Integrin beta 4 functions as a receptor for Laminin and is predominantly expressed by epithelia. Integrin beta 4 exists as five alternatively spliced isoforms that are encoded by a gene located on human chromosome 17q25.1.
Product Categories/Family for anti-ITGB4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607035
NCBI GeneID	3691
NCBI Accession #	NP_000204.3
NCBI GenBank Nucleotide #	NM_000213.3
UniProt Accession #	P16144; O14690; O14691; O15339; O15340; O15341; Q9UIQ4; A0AVL6
Molecular Weight	202,167 Da
NCBI Official Full Name	integrin beta-4 isoform 1
NCBI Official Synonym Full Names	integrin, beta 4
NCBI Official Symbol	ITGB4
NCBI Official Synonym Symbols	CD104
NCBI Protein Information	integrin beta-4; GP150; CD104 antigen; integrin beta-4 subunit
UniProt Protein Name	Integrin beta-4
UniProt Gene Name	ITGB4
UniProt Entry Name	ITB4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/integrin-beta-4-antibody-clone-jm11-06-immunohistochemistry-western-blot-elisa/312467>