

Rabbit anti-Human ITGB4/CD104/Integrin beta-4 Polyclonal Antibody | anti-ITGB4/CD104 antibody

Rabbit anti-ITGB4/CD104/Integrin beta-4 Antibody, Affinity Purified

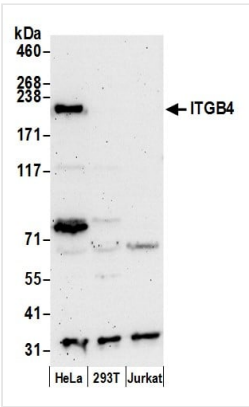
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213147	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

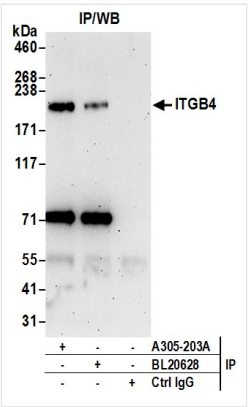
ITGB4/CD104/Integrin beta-4; Polyclonal Antibody; Rabbit anti-ITGB4/CD104/Integrin beta-4 Antibody; Affinity Purified; CD antigen CD104; integrin beta-4; GP150; CD104; CD104 antigen; Integrin beta-4; integrin subunit beta 4; anti-ITGB4/CD104 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ITGB4/CD104 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 1772 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human ITGB4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ITGB4 antibody AAA213147 (lot AAA213147-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human ITGB4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ITGB4 antibody AAA213147 (lot AAA213147-1) used for IP at 6 ug per reaction. ITGB4 was also immunoprecipitated by rabbit anti-ITGB4 antibody BL20628. For blotting immunoprecipitated ITGB4, AAA213147 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB4/CD104 antibody	The gene ITGB4, also known as CD104, encodes for the integrin beta subunit integrin beta-4. Integrin alpha-6/beta-4 is a receptor for laminin and plays a critical structural role in the hemidesmosome of epithelial cells. ITGA6:ITGB4 is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in ITGB4/CD104 are associated with epidermolysis bullosa with pyloric atresia [taken from NCBI Entrez Gene (Gene ID: 3691) and UniProtKB (Entry: P16144)].
Product Categories/Family for anti-ITGB4/CD104 antibody	Primary Antibodies

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/polyclonal/itgb4-cd104-integrin-beta-4-antibody-immunoprecipitation-western-blot-elisa/213147>