

ITGB4 Antibody | anti-ITGB4 antibody

ITGB4 (Phospho-Tyr1510) Antibody

CATALOG # AAA110437	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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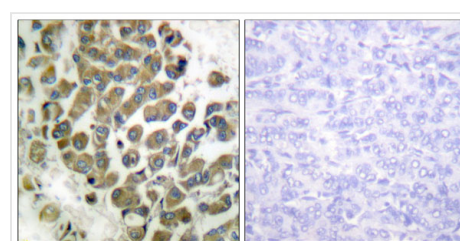
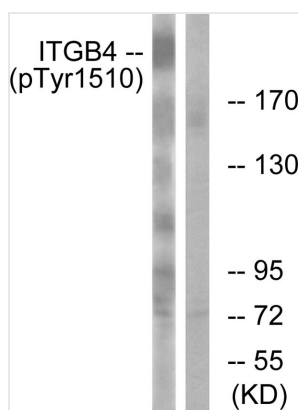
PRODUCT SYNONYMS

ITGB4; ITGB4 (Phospho-Tyr1510) Antibody; CD104 antigen; GP150; ITB4; integrin beta-4; integrin beta-4C; anti-ITGB4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	ITGB4 (Phospho-Tyr1510) antibody detects endogenous levels of ITGB4 only when phosphorylated at tyrosine 1510.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1822
Applicable Applications for anti-ITGB4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ITGB4 around the phosphorylation site of tyrosine 1510 (R-D-YP-S-T).
All Sites	Human: Tyr1510 Mouse: Tyr1318 Rat: Tyr1441
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ITGB4 (Phospho-Tyr1510) antibody. Western blot analysis of extracts from HepG2 cells, treated with Na₂VO₃ (0.3nM, 40mins), using ITGB4 (Phospho-Tyr1510) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ITGB4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Suzuki S., EMBO J. 9:757-763(1990). Hogervorst F., EMBO J. 9:765-770(1990). Tamura R.N., J. Cell Biol. 111:1593-1604(1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607035
NCBI GeneID	3691
NCBI Accession #	NP_000204.3
NCBI GenBank Nucleotide #	NM_000213.4
UniProt Accession #	P16144; O14690; O14691; O15339; O15340; O15341; Q0VF97; Q9UIQ4; A0AVL6
Molecular Weight	106,779 Da
NCBI Official Full Name	integrin beta-4 isoform 1
NCBI Official Synonym Full Names	integrin subunit beta 4
NCBI Official Symbol	ITGB4
NCBI Official Synonym Symbols	CD104; GP150
NCBI Protein Information	integrin beta-4
UniProt Protein Name	Integrin beta-4
UniProt Gene Name	ITGB4

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/human-mouse-rat-antibody/itgb4/110437>