

Mouse anti-Human ITGA11 Monoclonal Antibody | anti-ITGA11 antibody

ITGA11 Antibody

CATALOG # AAA290842	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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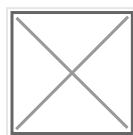
PRODUCT SYNONYMS

ITGA11; Monoclonal Antibody; ITGA11 Antibody; Integrin alpha-11; anti-ITGA11 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1804CT459.14.18
Specificity	This ITGA11 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 675-880 amino acids from human ITGA11.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	1188
Applicable Applications for anti-ITGA11 antibody	ELISA, WB (Western Blot)
Function	Integrin alpha-11/beta-1 is a receptor for collagen.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	According to PubMed:10464311, highest levels of expression in uterus and heart, intermediate levels in skeletal muscle and intermediate to low levels in pancreas, kidney and placenta. According to PubMed:10486209, also found in brain, colon, lung, small intestine, stomach, testis, salivary glands, thyroid glands and prostate. Very low levels in peripheral blood lymphocytes, fetal brain and fetal liver
Preparation and Storage	Store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-ITGA11 Antibody at 1:2000 dilution
Lane 1: Hela whole cell lysate
Lane 2: A549 whole cell lysate
Lane 3: human uterus lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 133 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA11 antibody	Integrin alpha-11/beta-1 is a receptor for collagen.
Product Categories/Family for anti-ITGA11 antibody	Crown Antibodies ; New Antibodies
References	Lehnert K.,et al.Genomics 60:179-187 (1999).Velling T.,et al.J. Biol. Chem. 274:25735-25742 (1999). Zody M.C.,et al.Nature 440:671-675 (2006). Xu Y.Y.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DBJ databases. Pellinen T.,et al.J. Cell Biol. 173:767-780 (2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	52485853
NCBI GeneID	22801
NCBI Accession #	NP_001004439.1
NCBI GenBank Nucleotide #	NM_001004439.1
UniProt Accession #	Q9UKX5; Q8WYI8; Q9UKQ1; J3KQM2
Molecular Weight	133470
NCBI Official Full Name	integrin alpha-11
NCBI Official Synonym Full Names	integrin subunit alpha 11
NCBI Official Symbol	ITGA11
NCBI Official Synonym Symbols	HsT18964
NCBI Protein Information	integrin alpha-11
UniProt Protein Name	Integrin alpha-11
UniProt Gene Name	ITGA11

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/itga11-antibody-clone-1804ct459-14-18-western-blot-elisa/290842>