10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ITGA11 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8612b

Product Information

Application	WB, E
Primary Accession	Q9UKX5
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b,k
Clone Names	1804CT459.14.18
Calculated MW	133470

Additional Information

Gene ID	22801
Other Names	Integrin alpha-11, ITGA11
Target/Specificity	This ITGA11 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 675-880 amino acids from human ITGA11.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ITGA11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ITGA11
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.

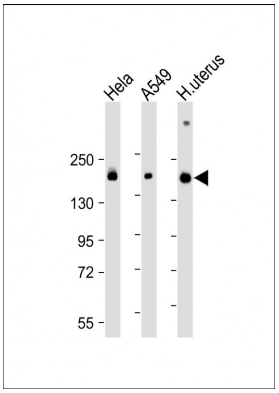
Background

Integrin alpha-11/beta-1 is a receptor for collagen.

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/DDBJ databases.
Pellinen T.,et al.J. Cell Biol. 173:767-780(2006).

Images



All lanes : Anti-ITGA11 Antibody at 1:8000 dilution Lane 1: Hela whole cell lysate Lane 2: A549 whole cell lysate Lane 3: Human uterus lysate Lysates/proteins at 20 µg 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.