

For Research Use Only

Integrin beta-6-Specific Polyclonal antibody



Catalog Number: 19695-1-AP

7 Publications

Basic Information

Catalog Number: 19695-1-AP	GenBank Accession Number: NM_000888	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3694	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: integrin, beta 6	
Isotype: IgG	Calculated MW: 86 kDa	
	Observed MW: 97 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : A549 cells, A2780 cells
Cited Applications: IF, IHC, IP, WB	IHC : human lung tissue,
Species Specificity: human	IF : A549 cells,
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ITGB6 belongs to the integrin beta chain family. ITGB6 is a receptor for fibronectin and cytotactin. It recognizes the sequence R-G-D in its ligands. Internalisation of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion. The antibody is specific to ITGB6.

Notable Publications

Author	Pubmed ID	Journal	Application
Dalong Cao	30808674	Cancer Res	WB
Kathleen K Catignas	32744761	Glia	WB
Feikai Lin	35392966	J Exp Clin Cancer Res	WB,IF,IP

Storage

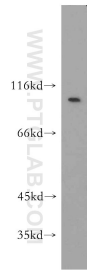
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

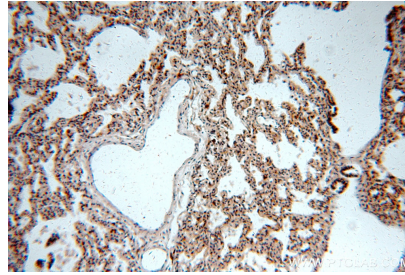
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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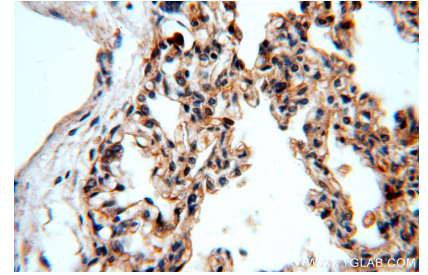
Selected Validation Data



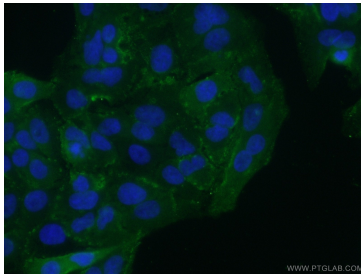
A549 cells were subjected to SDS PAGE followed by western blot with 19695-1-AP (ITGB6-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung using 19695-1-AP (ITGB6-Specific antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 19695-1-AP (ITGB6-Specific antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 19695-1-AP (Integrin beta-6-Specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).