

For Research Use Only

# Integrin Beta 6 Polyclonal antibody

Catalog Number: 21703-1-AP



## Basic Information

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| <b>Catalog Number:</b><br>21703-1-AP   | <b>GenBank Accession Number:</b><br>BC121178 | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>3694                | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500              |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>integrin, beta 6        |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>788 aa, 86 kDa      |  |
| <b>Immunogen Catalog Number:</b><br>AG16319  |  |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IHC, ELISA  | <b>Positive Controls:</b><br>IHC : human pancreas cancer tissue, human ovary tumor tissue |
| <b>Species Specificity:</b><br>human, mouse, rat   |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## 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.

## Storage

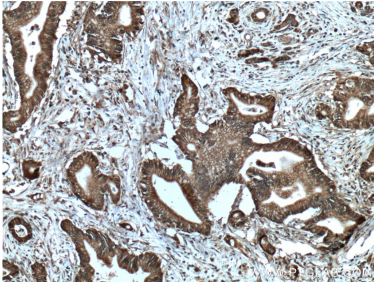
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

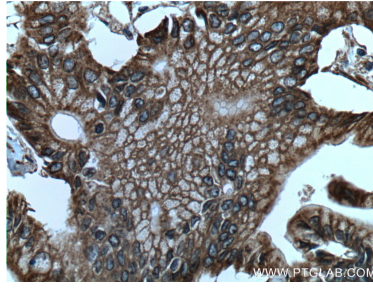
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 21703-1-AP (Integrin beta-6 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 21703-1-AP (Integrin beta-6 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).