

For Research Use Only

IL-32 Polyclonal antibody

Catalog Number: 11079-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 11079-1-AP	GenBank Accession Number: BC009401	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 9235	Recommended Dilutions: IHC 1:200-1:800
Source: Rabbit	Full Name: interleukin 32	
Isotype: IgG	Calculated MW: 27 kDa	
Immunogen Catalog Number: AG1484		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human lung cancer tissue, human colon cancer tissue
Cited Applications: ELISA, IF, IHC, WB	
Species Specificity: human	
Cited Species: human, 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

Interleukin 32 (IL32) is a member of the cytokine family. IL32 contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. IL32 is a predominantly intracellular proinflammatory cytokine produced by epithelial cells, monocytes, T-lymphocytes and natural killer cells, and is involved in inflammation and cancer development. IL32 is able to induce the release a variety of pro-inflammatory cytokines such as IL8, tumor necrosis factor- α (TNF α) and IL6. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2.

Notable Publications

Author	Pubmed ID	Journal	Application
Qing-Hua Liu	36187404	World J Gastrointest Oncol	IHC,ELISA
Kohji Takagi	34820013	Oncol Lett	WB,IHC
Jianya He	31680452	J Cell Mol Med	WB

Storage

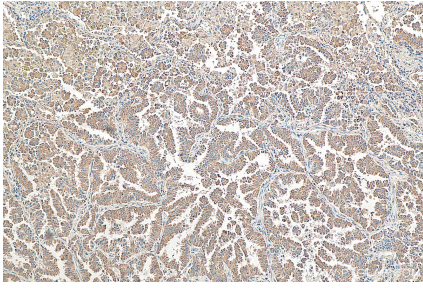
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

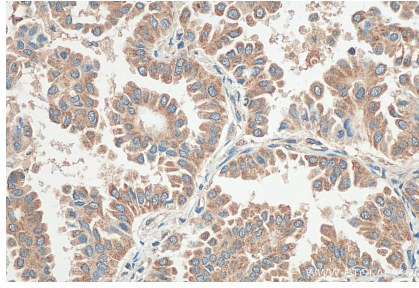
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11079-1-AP (IL-32 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11079-1-AP (IL-32 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).