

For Research Use Only

REG4 Polyclonal antibody

Catalog Number: 12268-1-AP **3 Publications**



Basic Information

Catalog Number: 12268-1-AP	GenBank Accession Number: BC017089	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 83998	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: regenerating islet-derived family, member 4	
Isotype: IgG	Calculated MW: 158 aa, 18 kDa	
Immunogen Catalog Number: AG2934	Observed MW: 18 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : SGC-7901 cells, mouse liver tissue IHC : human colon cancer tissue,
Cited Applications: IHC, WB	
Species Specificity: human, mouse	
Cited Species: human	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaobo Zheng	35221332	Signal Transduct Target Ther	IHC
Hong-Lin He	25155043	J Surg Oncol	IHC
Iemasa Koh	31659102	Cancer Genomics Proteomics	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

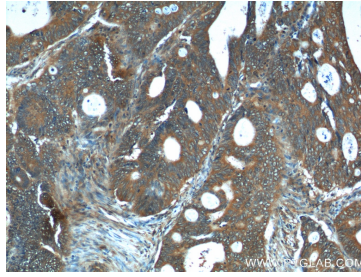
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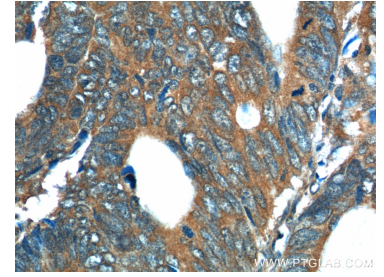
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 12268-1-AP (REG4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12268-1-AP (REG4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12268-1-AP (REG4 Antibody) at dilution of 1:200 (under 40x lens).