

For Research Use Only

IRAK4 Monoclonal antibody

Catalog Number:67180-1-Ig



Basic Information

Catalog Number: 67180-1-Ig	GenBank Accession Number: BC013316	Purification Method: Protein A purification
Size: 150ul , Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51135	CloneNo.: 1A4C4
Source: Mouse	UNIPROT ID: Q9NWZ3	Recommended Dilutions: WB: 1:1000-1:3000 IHC: 1:500-1:2000 IF/ICC: 1:200-1:800
Isotype: IgG2a	Full Name: interleukin-1 receptor-associated kinase 4	
Immunogen Catalog Number: AG29174	Calculated MW: 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, Jurkat cells, THP-1 cells, K-562 cells

IHC : human placenta tissue, mouse kidney tissue, mouse pancreas tissue, rat pancreas tissue, rat stomach tissue

IF/ICC : HepG2 cells,

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

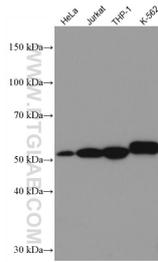
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

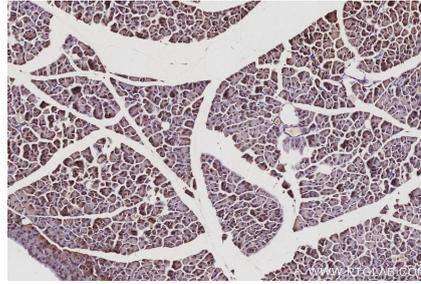
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

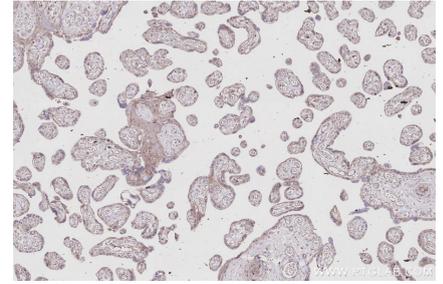
Selected Validation Data



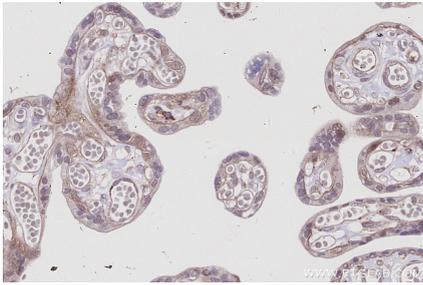
Various lysates were subjected to SDS PAGE followed by western blot with 67180-1-Ig (IRAK4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



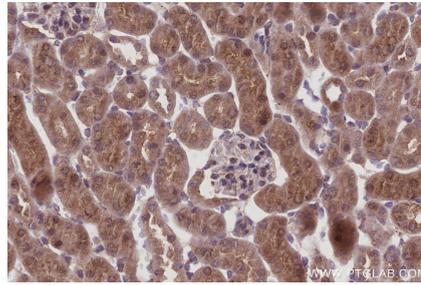
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



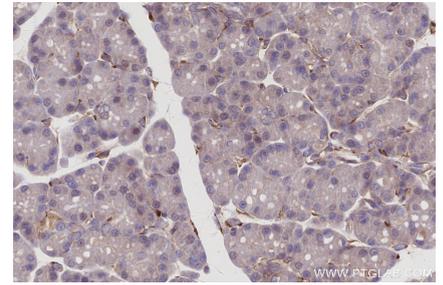
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



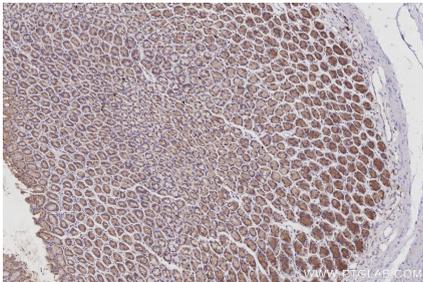
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



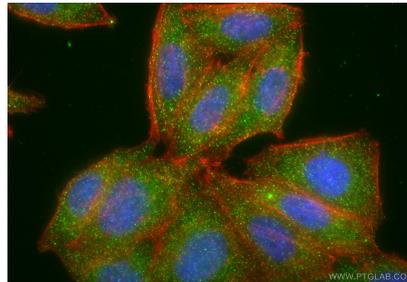
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using 67180-1-Ig (IRAK4 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using IRAK4 antibody (67180-1-Ig, Clone: 1A4C4) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red).