

For Research Use Only

Mouse Klk1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86143-1-PBS



Basic Information

Catalog Number:	86143-1-PBS	GenBank Accession Number:	NM_001320331.1	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	16612	CloneNo.:	250034D2
Source:	Rabbit	UNIPROT ID:	P15947		
Isotype:	IgG	Full Name:	kallikrein 1		
Immunogen Catalog Number:	EG2996	Calculated MW:	29 kDa		
		Observed MW:	28-34 kDa		

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
mouse

Background Information

Mouse KLK1 (Kallikrein-Related Peptidase 1) is a serine protease belonging to the kallikrein family with important physiological functions. KLK1 can cleave the Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Bradykinin plays an important role in regulating vasodilation, lowering blood pressure, smooth muscle relaxation and contraction, pain induction and inflammatory response.

Storage

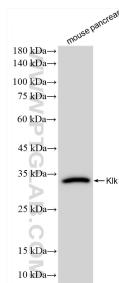
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

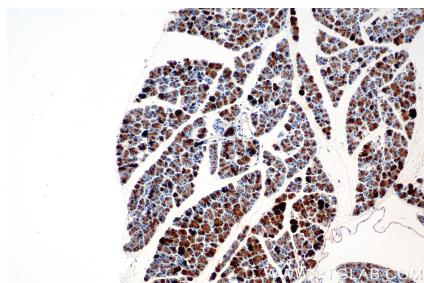
E: proteintech@ptglab.com
W: ptglab.com

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

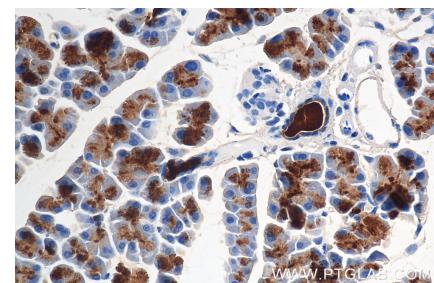
Selected Validation Data



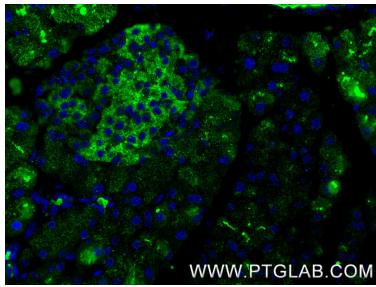
mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 86143-1-RR (Klk1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86143-1-PBS in a different storage buffer formulation.



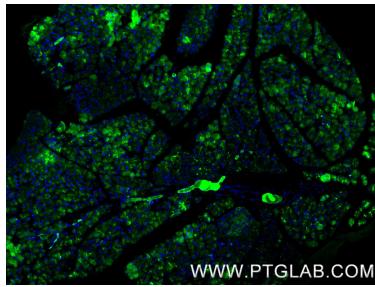
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 86143-1-RR (Klk1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86143-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 86143-1-RR (Klk1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86143-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse pancreas tissue using Klk1 antibody (86143-1-RR, Clone: 250034D2) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86143-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse pancreas tissue using Klk1 antibody (86143-1-RR, Clone: 250034D2) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86143-1-PBS in a different storage buffer formulation.