

For Research Use Only

INSM1 Recombinant monoclonal antibody

Catalog Number: 88423-2-RR



Basic Information

Catalog Number: 88423-2-RR	GenBank Accession Number: NM_002196	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3642	CloneNo.: 260971G7
Source: Rabbit	UNIPROT ID: Q01101	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: insulinoma-associated 1	
Immunogen Catalog Number: AG33774	Calculated MW: 53 kDa	
	Observed MW: 53-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NCI-H146 cells,
Species Specificity: human	

Background Information

Insulinoma-associated-1 (INSM1) is a zinc-finger transcription factor that was originally identified in a human insulinoma subtraction library. INSM1 plays a cardinal role as a transcription factor in the differentiation of embryonic neuroendocrine cells. In situ hybridization studies of human tissues have shown the presence of the INSM1 transcript across various brain regions, as well as in endocrine organs such as the pancreas, adrenal gland, thymus, thyroid, and the endocrine cells of the gastrointestinal tract. (PMID: 34943408, PMID: 36290282)

Storage

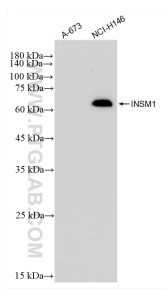
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

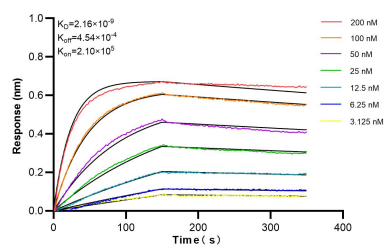
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



NCI-H146 cells were subjected to SDS PAGE followed by western blot with 88423-2-RR (INSM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. A-673 cells as negative control.



Biolayer interferometry (BLI) kinetic assays of 88423-2-RR against Human INSM1 were performed. The affinity constant is 2.16 nM.