For Research Use Only

INSM1 Recombinant monoclonal antibody, PBS Only

Catalog Number:88423-2-PBS

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Basic Information

Catalog Number:
88423-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33774

GenBank Accession Number:
NM_002196

GeneID (NCBI):
3642

UNIPROT ID:
Q01101

Full Name:
insulinoma-associated 1

Calculated MW:
53 kDa

Observed MW:
53-60 kDa

Purification Method:
Protein A purification

CloneNo.:
260971G7

Applications

Tested Applications:
WB, Indirect ELISA

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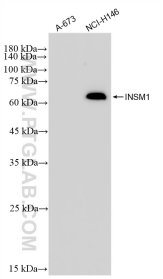
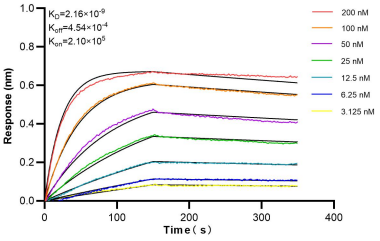
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 88423-2-PBS in a different storage buffer formulation.



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