

For Research Use Only

SCRN1 Recombinant monoclonal antibody

Catalog Number:86646-1-RR



Basic Information

Catalog Number: 86646-1-RR	GenBank Accession Number: BC040492	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9805	CloneNo.: 251548C7
Source: Rabbit	UNIPROT ID: Q12765	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: secernin 1	
Immunogen Catalog Number: AG5413	Calculated MW: 46 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HepG2 cells, PC-3 cells, HEK-293 cells, HeLa cells, mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IF/ICC : A549 cells,

Background Information

SCRN genes encode protein members of the secernin family including Secernin 1, Secernin 2 and Secernin 3. Function of Secernin 2 and Secernin 3 are so far not well understood. Secernin 1 is a novel 50-kDa cytosolic protein that appears to be involved in the regulation of exocytosis from peritoneal mast cells. Secernin-1 a novel tumor-associated antigen (TAA) and may be a universal marker of different cancer types including gastric cancer, which has been validated by several researches. Measurement of SCR1 can be used in the early detection of cancer or in the surveillance of patients who undergo surgery.

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

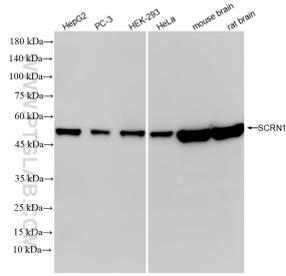
For technical support and original validation data for this product please contact:

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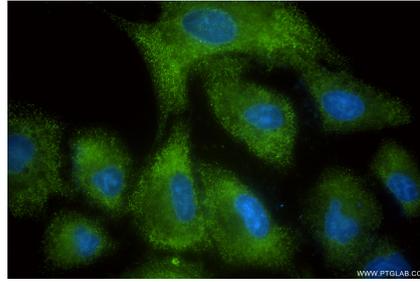
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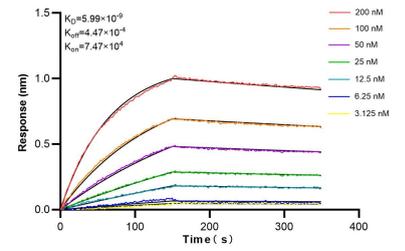
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86646-1-RR (SCRNI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using SCRNI antibody (86646-1-RR, Clone: 251548C7) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bi-layer interferometry (BLI) kinetic assays of 86646-1-RR against Human SCRNI were performed. The affinity constant is 5.99 nM.