

For Research Use Only

STBD1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87526-1-PBS



Basic Information

Catalog Number: 87526-1-PBS	GenBank Accession Number: BC022301	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8987	CloneNo.: 252915D10
Source: Rabbit	UNIPROT ID: O95210	
Isotype: IgG	Full Name: starch binding domain 1	
Immunogen Catalog Number: AG2481	Calculated MW: 41 kDa	
	Observed MW: 35-43 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

STBD1 may have the capability to bind to carbohydrates. It functions as a glycogen receptor that tethers glycogen to autophagic membranes for delivery and breakdown in lysosomes. STBD1 appears molecular mass of 35-38 kDa band in mouse/rat tissues and 38-43 kDa in human tissue.

Storage

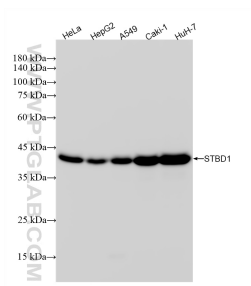
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

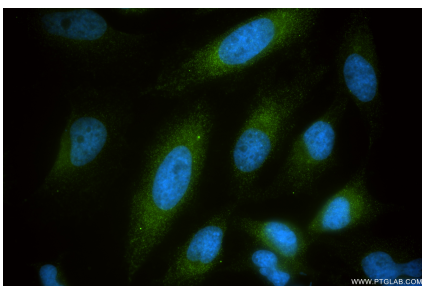
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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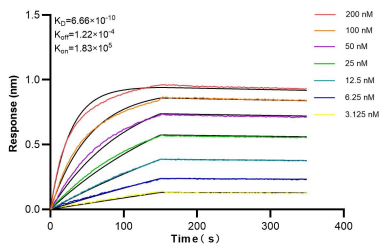
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87526-1-RR (STBD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87526-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using STBD1 antibody (87526-1-RR, Clone: 252915D10) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87526-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87526-1-RR against Human STBD1 were performed. The affinity constant is 0.666 nM.