

For Research Use Only

STK24 Monoclonal antibody, PBS Only

Catalog Number: 68522-1-PBS



Basic Information

Catalog Number: 68522-1-PBS	GenBank Accession Number: NM_003576	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 8428	CloneNo.: 2B4C1
Source: Mouse	UNIPROT ID: Q9Y6EO	
Isotype: IgG1	Full Name: serine/threonine kinase 24 (STE20 homolog, yeast)	
Immunogen Catalog Number: AG31526	Calculated MW: 49KD	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, IF-P, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Serine/threonine-protein kinase 24 (STK24), also named MST3, belonging to GCK subfamily of STE20-like kinases, acts on both serine and threonine residues and promotes apoptosis in response to stress stimuli and caspase activation (PubMed: 10644707, PMID:12107159). STK24 and STK25 operate in the same cardiovascular development pathway with programmed cell death 10 (CCM3) (PMID: 20332113). It regulates axon outgrowth in forebrain neurons (PubMed: 17114295).

Storage

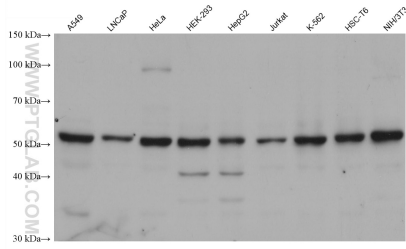
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

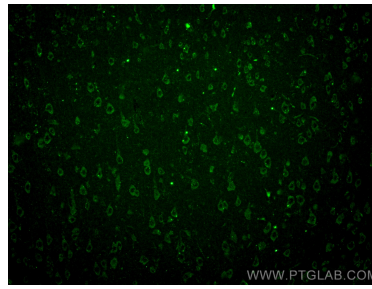
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68522-1-Ig (STK24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68522-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using STK24 antibody (68522-1-Ig, Clone: 2B4C1) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68522-1-PBS in a different storage buffer formulation.