

For Research Use Only

STK11/LKB1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88058-4-PBS



Basic Information

Catalog Number: 88058-4-PBS	GenBank Accession Number: BC007981	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 6794	CloneNo.: 260318B12
Isotype: IgG	UNIPROT ID: Q15831	
Immunogen Catalog Number: AG1048	Full Name: serine/threonine kinase 11	
	Calculated MW: 49 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

STK11 (serine/threonine-protein kinase 11) is also named as LKB1, PJS, and belongs to the protein kinase superfamily. It controls the activity of AMP-activated protein kinase (AMPK) family members, thereby playing a role in various processes such as cell metabolism, cell polarity, apoptosis and DNA damage response. The tumour suppressor protein LKB1 is a serine/threonine kinase that has been causally linked to Peutz-Jeghers syndrome (PJS). Defects in STK11 are a cause of Peutz-Jeghers syndrome (PJS) and defects in STK11 have been associated with testicular germ cell tumor (TGCT) and some sporadic cancers, especially lung cancers. STK11 has 2 isoforms with MW of 49 kDa and 45 kDa, and can be detected as 50-54 kDa after posttranslational modification.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

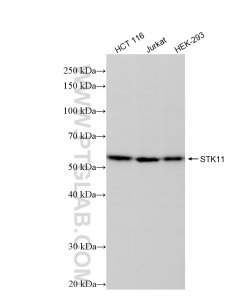
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88058-4-RR (STK11/LKB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88058-4-PBS in a different storage buffer formulation.