

For Research Use Only

Mesothelin Recombinant antibody

Catalog Number: 83744-6-RR



Basic Information

Catalog Number: 83744-6-RR	GenBank Accession Number: NM_005823	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10232	CloneNo.: 240795B12
Source: Rabbit	UNIPROT ID: Q13421	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: mesothelin	
	Calculated MW: 69KD	
	Observed MW: 40 kDa, 69 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, MKN-45 cells, BxPC-3 cells
Species Specificity: human	

Background Information

Mesothelin (MSLN) is a 40kDa GPI-anchored surface glycoprotein that is expressed on pleural and peritoneal mesothelial cells, but not in other non-neoplastic tissues. The mesothelin gene encodes a 69-71kDa precursor protein that is processed to a 40kDa membrane-bound protein termed mesothelin and a 31kDa shed fragment called megakaryocyte-potentiating factor (MPF) that is released from the cell. Mesothelin is a tumor differentiation antigen present at low levels on a restricted set of normal adult tissues (e.g. mesothelium), and is expressed at high levels in mesotheliomas, as well as ovarian, pancreatic, and lung cancers. Mesothelin may be a new target for immunotherapy (PMID: 20922056, 18691948, 15217923).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

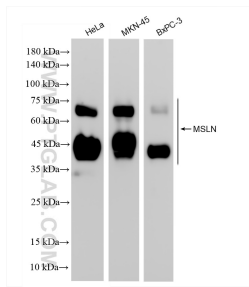
For technical support and original validation data for this product please contact:

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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 83744-6-RR (MSLN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.