

For Research Use Only

Mesothelin Recombinant antibody, PBS Only

Catalog Number: 83744-6-PBS



Basic Information

Catalog Number:

83744-6-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005823

GeneID (NCBI):

10232

UNIPROT ID:

Q13421

Full Name:

mesothelin

Calculated MW:

69KD

Observed MW:

40 kDa, 69 kDa

Purification Method:

Protein A purification

CloneNo.:

240795B12

Applications

Tested Applications:

WB, ELISA

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 -80°C.

Storage Buffer:

PBS Only

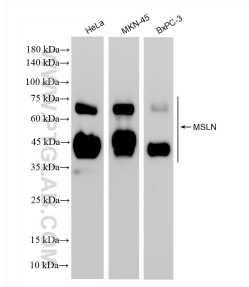
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 83744-6-PBS in a different storage buffer formulation.