

PRSS8 Monoclonal antibody

Catalog Number: 60912-3-Ig

Basic Information

Catalog Number:

60912-3-Ig

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7234

GenBank Accession Number:

BC001462

GeneID (NCBI):

5652

UNIPROT ID:

Q16651

Full Name:

protease, serine, 8

Calculated MW:

36 kDa

Observed MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

1H3C12

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SK-BR-3 cells, Calu-3 cells, LNCaP cells, BT-474 cells, HT-1376 cells, Caco-2 cells

Background Information

Protease serine S1 family member 8 (PRSS8), a membrane-anchored serine protease, has been reported to be involved in the development of several human cancers. PRSS8 protein level was highly expressed in well differentiated cancer cell and was lower or absent in poorly differentiated cancer cell. Significantly higher levels of prostaticin were found in early stage OVC serum samples compared to benign ovarian and normal donor samples. Overexpression of PRSS8 mRNA and high levels of prostaticin in multiple subtypes of early stage ovarian tumors may provide clinical biomarkers for early detection of OVC. (PMID: 27036110, PMID: 27050145)

Storage

Storage:

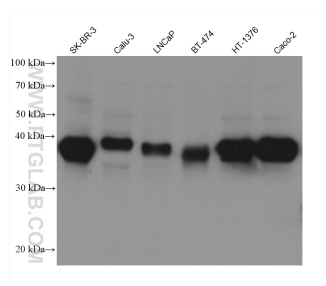
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60912-3-Ig (PRSS8 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.