

For Research Use Only

FOX2/RBM9 Monoclonal antibody, PBS Only



Catalog Number: 66976-1-PBS

Featured Product

Basic Information

Catalog Number:

66976-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28336

GenBank Accession Number:

BC013115

GeneID (NCBI):

23543

UNIPROT ID:

O43251

Full Name:

RNA binding motif protein 9

Calculated MW:

390 aa, 41 kDa

Observed MW:

48 kDa, 50 and 60 kDa

Purification Method:

Protein G purification

CloneNo.:

2D7G5

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, Mouse

Background Information

RBM9, also named as RBFOX2 and FOX2, is a RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. There are several isoforms of RBM9 produced by variable use of multiple alternatively spliced internal exons and alternative splice sites. RBM9 may play an important role in tissue specific alternative splicing regulation. (PMID: 19688295, 21623373, 16537540)

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

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

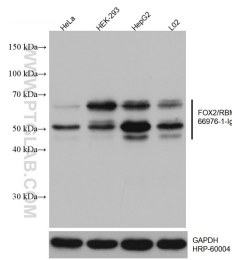
T: 4006900926

E: Proteintech-CN@ptglab.com

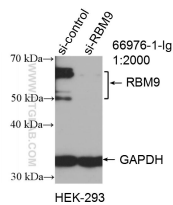
W: ptgcn.com

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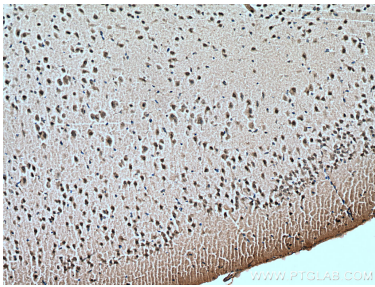
Selected Validation Data



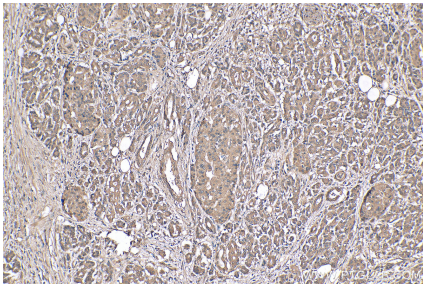
Various lysates were subjected to SDS PAGE followed by western blot with 66976-1-Ig (RBM9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66976-1-PBS in a different storage buffer formulation.



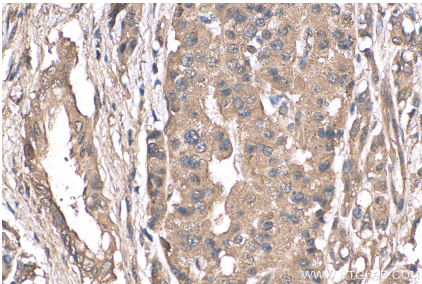
WB result of RBM9 antibody (66976-1-Ig: 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RBM9 transfected HEK-293 cells. This data was developed using the same antibody clone with 66976-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66976-1-Ig (RBM9 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66976-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66976-1-Ig (FOX2/RBM9 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66976-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66976-1-Ig (FOX2/RBM9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66976-1-PBS in a different storage buffer formulation.