

For Research Use Only

MYH9 Monoclonal antibody, PBS Only

Catalog Number: 60233-1-PBS

Featured Product



Basic Information

Catalog Number:

60233-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1612

GenBank Accession Number:

BC011915

GeneID (NCBI):

4627

UNIPROT ID:

P35579

Full Name:

myosin, heavy chain 9, non-muscle

Calculated MW:

227 kDa

Observed MW:

230 kDa, 160 kDa

Purification Method:

Protein A purification

CloneNo.:

5D9D2

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, pig

Background Information

MYH9 (Myosin-9) appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. MYH9 is a hexameric protein that consists of two heavy chains (~200 kDa) and two pairs of non-identical light chains (15-22 kDa), a pair of essential or alkali light chains, and a pair of regulatory light chains (PMID: 12800156).

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:

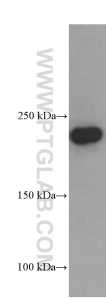
T: 4006900926

E: Proteintech-CN@ptglab.com

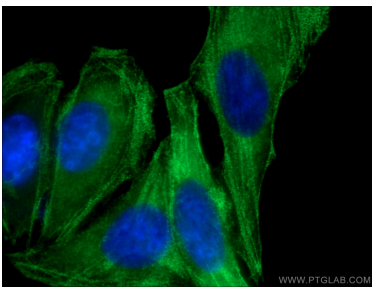
W: ptgcn.com

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

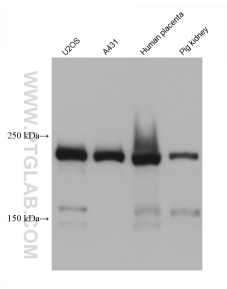
Selected Validation Data



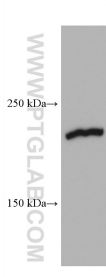
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 60233-1-Ig (MYH9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.



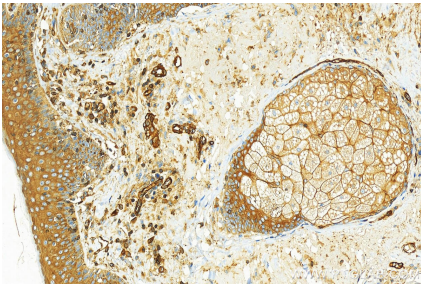
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 60233-1-Ig (MYH9 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 60233-1-Ig (MYH9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.



mouse colon tissue were subjected to SDS PAGE followed by western blot with 60233-1-Ig (MYH9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 60233-1-Ig (MYH9 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.