

For Research Use Only

MYH9 Monoclonal antibody, PBS Only



Catalog Number: 60233-1-PBS

Featured Product

Basic Information

Catalog Number:

60233-1-PBS

Size:

1 mg/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, Indirect ELISA, IF

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.

Storage Buffer:

PBS Only

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

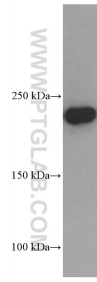
T: 4006900926

E: Proteintech-CN@ptglab.com

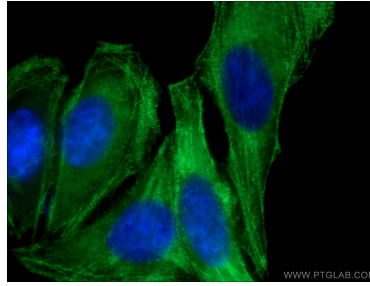
W: ptgcn.com

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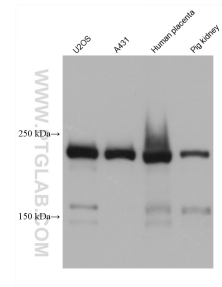
Selected Validation Data



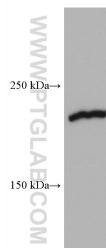
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 60233-1-Ig (MYH9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60233-1-PBS in a different storage buffer formulation.



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.