

IGBP1 Monoclonal antibody

Catalog Number: 60256-1-Ig

Basic Information

Catalog Number:

60256-1-Ig

Size:

1800 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6782

GenBank Accession Number:

BC004137

GeneID (NCBI):

3476

UNIPROT ID:

P78318

Full Name:

immunoglobulin (CD79A) binding protein 1

Calculated MW:

39 kDa

Observed MW:

40 kDa

Purification Method:

Protein G purification

CloneNo.:

2D11A8

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells,

IHC : human heart tissue, human skeletal muscle tissue

Background Information

Immunoglobulin-binding protein 1 (IGBP1), also known as ALPHA-4, was originally identified as a signal transduction molecule coprecipitating with MB1 (CD79a) protein of the B-cell antigen receptor (BCR) complex. IGBP1 has been characterized as an essential regulator of the catalytic activity of protein phosphatase 2A (PP2A), which is a ubiquitous phosphatase with broad substrate specificity and diverse cellular functions.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

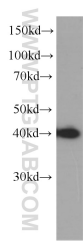
T: 4006900926

E: Proteintech-CN@ptglab.com

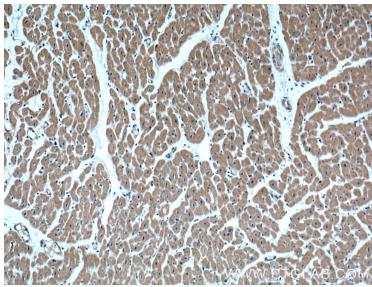
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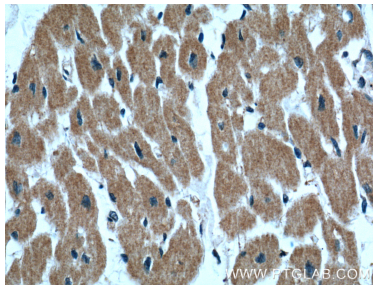
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 60256-1-Ig (IGBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60256-1-Ig (IGBP1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 60256-1-Ig (IGBP1 Antibody) at dilution of 1:200 (under 40x lens).