

For Research Use Only

# MYEF2 Polyclonal antibody

Catalog Number: 16051-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

16051-1-AP

### Size:

150ul, Concentration: 1200 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9010

### GenBank Accession Number:

BC014533

### GeneID (NCBI):

50804

### UNIPROT ID:

Q9P2K5

### Full Name:

myelin expression factor 2

### Calculated MW:

600 aa, 64 kDa

### Observed MW:

61-64 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

IF/ICC: 1:250-1:1000

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

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 : HeLa cells, Jurkat cells, HepG2 cells, MCF-7 cells

IP : Jurkat cells,

IHC : human breast cancer tissue,

IF/ICC : HepG2 cells,

FC (Intra) : C6 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Wang	34610310	Cell Rep	WB, IHC, CoIP
Peng Zhang	36658471	BMC Gastroenterol	WB, IHC
Yunxiao Zhang	37556355	Aging (Albany NY)	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

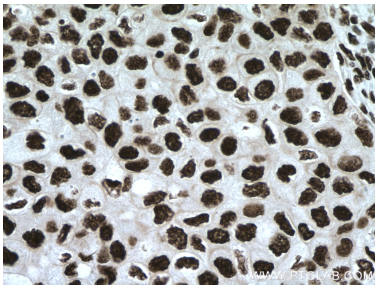
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

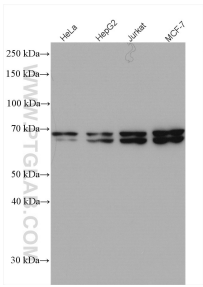
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

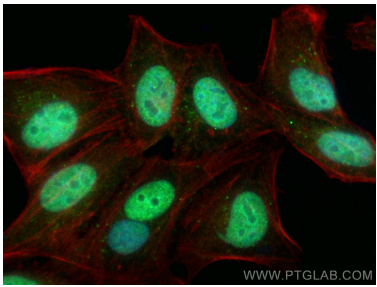
Selected Validation Data



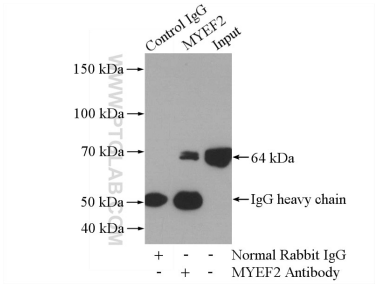
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16051-1-AP (MYEF2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



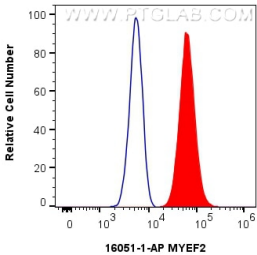
Various lysates were subjected to SDS PAGE followed by western blot with 16051-1-AP (MYEF2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MYEF2 antibody (16051-1-AP) at dilution of 1:500 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CLS94-phalloidin (red).



IP result of anti-MYEF2 (IP:16051-1-AP, 4ug; Detection:16051-1-AP 1:2000) with Jurkat cells lysate 2800ug.



1x10<sup>6</sup> C6 cells were intracellularly stained with 0.25 ug MYEF2 Polyclonal antibody (16051-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).