

For Research Use Only

MYEF2 Polyclonal antibody

Catalog Number: 16051-1-AP

2 Publications



Basic Information

Catalog Number: 16051-1-AP	GenBank Accession Number: BC014533	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 50804	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Source: Rabbit	Full Name: myelin expression factor 2	IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 600 aa, 64 kDa	
Immunogen Catalog Number: AG9010	Observed MW: 61-64 kDa	

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IHC, WB	WB : HeLa cells, Jurkat cells, HepG2 cells, MCF-7 cells
Species Specificity: human, mouse, rat	IP : Jurkat cells,
Cited Species: human, mouse	IHC : human breast cancer tissue,
	IF : HepG2 cells,

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Wang	34610310	Cell Rep	WB, IHC, CoIP
Peng Zhang	36658471	BMC Gastroenterol	WB,IHC

Storage

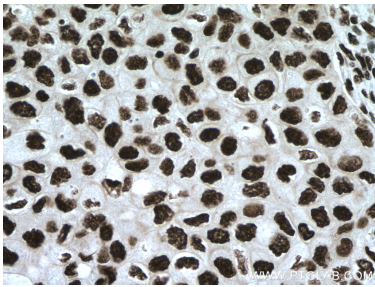
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

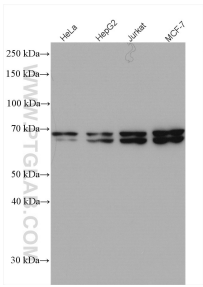
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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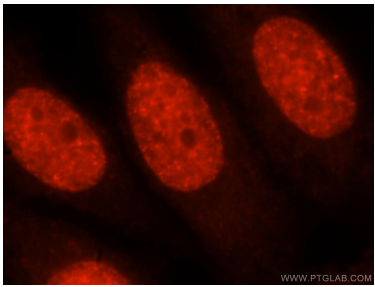
Selected Validation Data



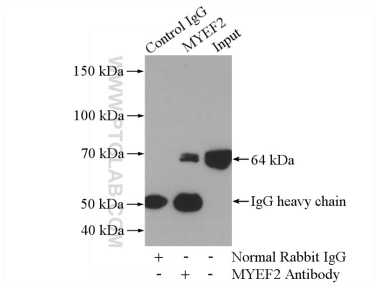
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16051-1-AP (MYEF2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



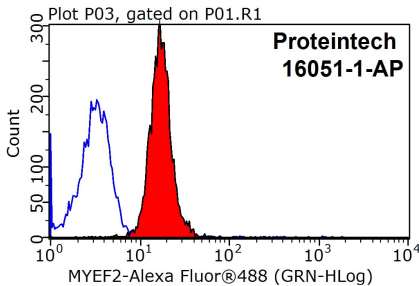
Various lysates were subjected to SDS PAGE followed by western blot with 16051-1-AP (MYEF2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using MYEF2 antibody 16051-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



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



1X10⁶ HepG2 cells were stained with 0.2ug MYEF2 antibody (16051-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.