

For Research Use Only

eIF4G2/DAP5 Monoclonal antibody



Catalog Number: 67428-1-Ig

Featured Product

1 Publications

Basic Information

Catalog Number:

67428-1-Ig

Size:

150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12080

GenBank Accession Number:

BC043149

GeneID (NCBI):

1982

UNIPROT ID:

P78344

Full Name:

eukaryotic translation initiation factor 4 gamma, 2

Calculated MW:

907 aa, 102 kDa

Observed MW:

97 kDa

Purification Method:

Protein A purification

CloneNo.:

3C11A3

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:250-1:1000

IF 1:400-1:1600

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

Human, mouse, rat

Cited Species:

human

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 : U2OS cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, LNCaP cells, K-562 cells

IHC : human breast cancer tissue,

IF : HeLa cells, HepG2 cells

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|---------|-------------|
| Yichen Xu | 34559986 | Cell | 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

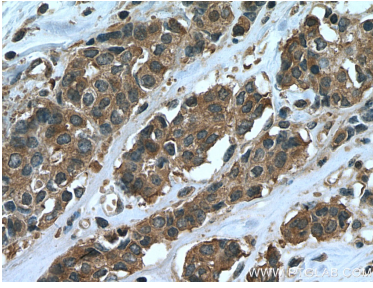
For technical support and original validation data for this product please contact:

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

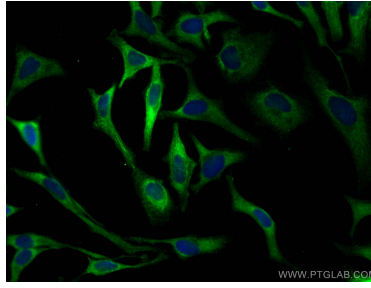
E: proteintech@ptglab.com
W: ptglab.com

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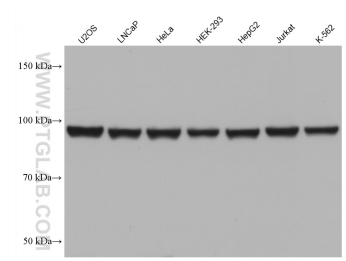
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67428-1-Ig (EIF4G2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using eIF4G2/DAP5 antibody (67428-1-Ig, Clone: 3C11A3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 67428-1-Ig (eIF4G2/DAP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.