For Research Use Only

EEF1D Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:60085-2-PBS Featured Product

Basic Information

Catalog Number:
60085-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG0983

GenBank Accession Number:
BC007847

GeneID (NCBI):
1936

UNIPROT ID:
P29692

Full Name:
eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)

Calculated MW:
31 kDa

Observed MW:
35-40 kDa

Purification Method:
Protein A purification

CloneNo.:
3G4C4

Applications

Tested Applications:
WB, IP, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

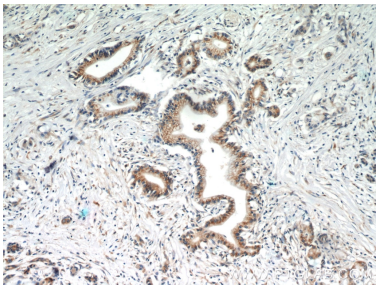
EEF1D, also named as EF1D and EF 1 delta, belongs to the EF-1-beta/EF-1-delta family. It is a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP. EEF1D is phosphorylated upon DNA damage, probably by ATM or ATR. The calculated molecular weight of EEF1D is a 31 kDa, but the modified protein is about 35-40 kDa. (PMID: 21936567)

Storage

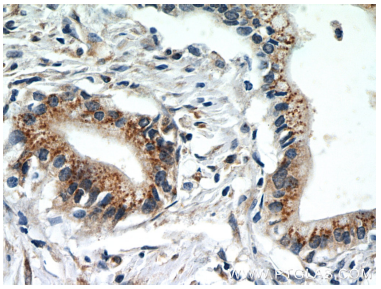
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer slide using 60085-2-Ig (EEF1D Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 60085-2-PBS in a different storage buffer formulation.



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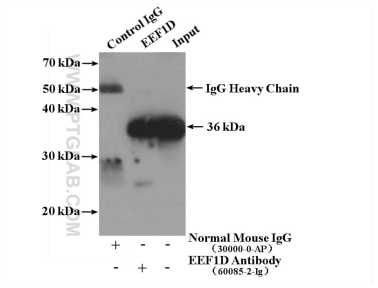

IP result of anti-EEF1D (IP:60085-2-Ig, 5ug; Detection:60085-2-Ig 1:1000) with MCF-7 cells lysate 3200ug. This data was developed using the same antibody clone with 60085-2-PBS in a different storage buffer formulation.