EEF1D Monoclonal antibody, PBS Only

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Catalog Number:**60085-2-PBS**

Featured Product

Basic Information

Catalog Number: 60085-2-PBS	GenBank Accession Number: BC007847	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1936	CloneNo.: 3G4C4
Source: Mouse	UNIPROT ID: P29692	
Isotype: IgG1	Full Name: eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	
Immunogen Catalog Number: AG0983	Calculated MW: 31 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications:
WB,IP,Indirect ELISA,IHC

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℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Selected Validation Data
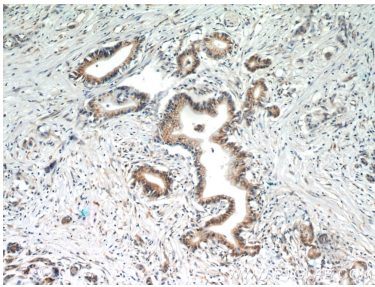
Immunohistochemical analysis of paraffin-embedded human pancreas cancer slide using 60085-2-Ig (EEF1D Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 60085-2-PBS in a different storage buffer formulation.
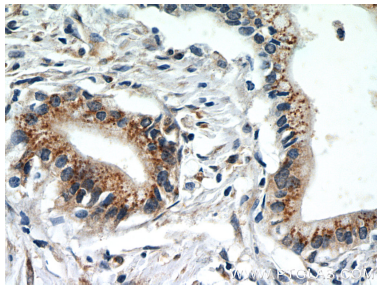
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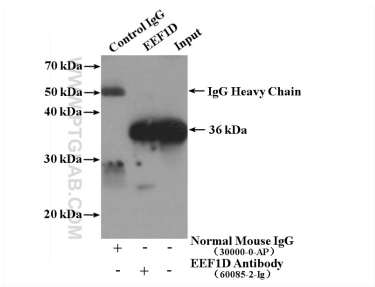
IP result of anti-EEF1D (IP:60085-2-Ig, 5ug; Detection:60085-2-Ig 1:1000) with MCF-7 cells lysate 3200ug. This data was developed using the same antibody clone with 60085-2-PBS in a different storage buffer formulation.