

For Research Use Only

EIF5A2 Monoclonal antibody, PBS Only



Catalog Number: 67907-1-PBS

Basic Information

Catalog Number: 67907-1-PBS	GenBank Accession Number: BC036072	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 56648	CloneNo.: 1F9B2
Source: Mouse	UNIPROT ID: Q9GZV4	
Isotype: IgG1	Full Name: eukaryotic translation initiation factor 5A2	
Immunogen Catalog Number: AG10852	Calculated MW: 153 aa, 17 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
Human, rat

Background Information

Eukaryotic translation initiation factor 5A (EIF5A), a conserved lysine to hypusine, is strictly indispensable for the survival of eukaryotic cells. There are two EIF5A isoforms in humans: EIF5A1 and EIF5A2. EIF5A2 has been reported to be overexpressed in gallbladder cancer, upper urinary tract urothelial carcinoma, gastric cancer, prostate cancer, nasopharyngeal carcinoma, and cervical cancer. EIF5A2 upregulation in cancer tissues is associated with poor prognosis in these patients.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

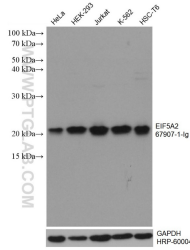
T: 4006900926

E: Proteintech-CN@ptglab.com

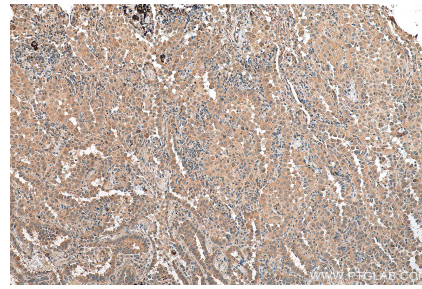
W: ptgcn.com

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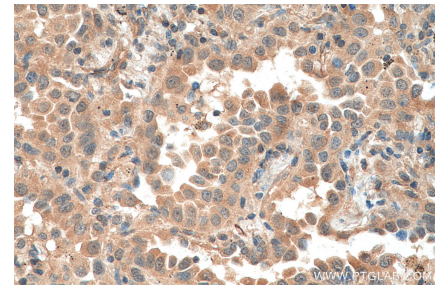
Selected Validation Data



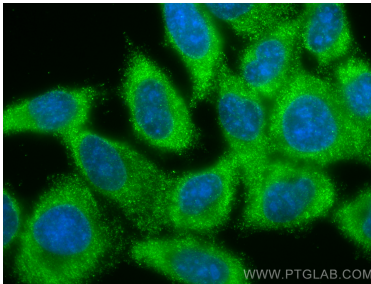
Various lysates were subjected to SDS PAGE followed by western blot with 67907-1-Ig (EIF5A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67907-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67907-1-Ig (EIF5A2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67907-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67907-1-Ig (EIF5A2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67907-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using EIF5A2 antibody (67907-1-Ig, Clone: 1F9B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67907-1-PBS in a different storage buffer formulation.