For Research Use Only

Phospho-S6 Ribosomal protein (Ser235/236) Recombinant monoclonal antibody, PBS Only

Catalog Number:87071-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87071-2-PBS

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC000524

GeneID (NCBI):
6194

UNIPROT ID:
P62753

Full Name:
ribosomal protein S6

Calculated MW:
29 kDa

Observed MW:
32 kDa

Purification Method:
Protein A purification

CloneNo.:
252281E7

Applications

Tested Applications:
WB, IF-P, Indirect ELISA

Species Specificity:
human

Background Information

Ribosomal protein S6 (RPS6),Phosphoprotein NP33.It may play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA. Mitogens also stimulate p90 ribosomal S6 kinases (RSK1-4), which can phosphorylate the same Ser235/236 residues independently of mTOR, providing a parallel pathway that links MAPK activation to translational control. (PMID: 17360704)

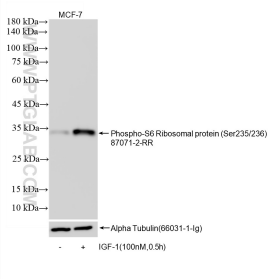
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

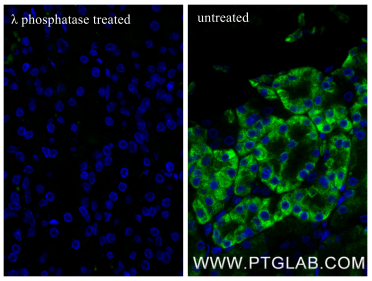
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

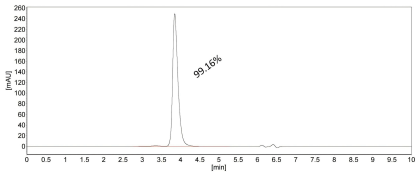
Selected Validation Data



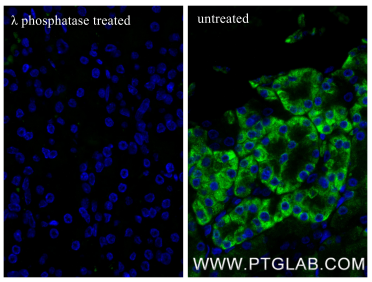
Non-treated MCF-7 cells and IGF-1 treated MCF-7 cells were subjected to SDS PAGE followed by western blot with 87071-2-RR (Phospho-S6 Ribosomal protein (Ser235/236) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 87071-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded λ phosphatase treated human pancreas tissue using Phospho-S6 Ribosomal protein (Ser235/236) antibody (87071-2-RR, Clone: 252281E7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87071-2-PBS in a



The purity of Human Phospho-S6 Ribosomal protein (Ser235/236) Recombinant monoclonal antibody (Cat. No. 87071-2-RR) was greater than 95% as determined by SEC-HPLC.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human pancreas tissue using Phospho-S6 Ribosomal protein (Ser235/236) antibody (87071-2-RR, Clone: 252281E7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87071-2-PBS in a different storage buffer formulation.