Recombinant Phospho-eIF2α (Ser51) Monoclonal Antibody

Description

This Recombinant Phospho-eIF2α (Ser51) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA0119
Contents:	Recombinant Phospho-eIF2α (Ser51) Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C110105
Applications:	WB, IHC, IF, ELISA
Reactivity:	Human, Mouse, Rat

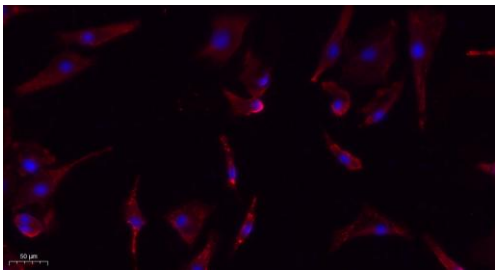
Antibody Data

Uniprot ID:	P05198, Q6ZWX6, P68101
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	0.2 µm filtered solution in PBS

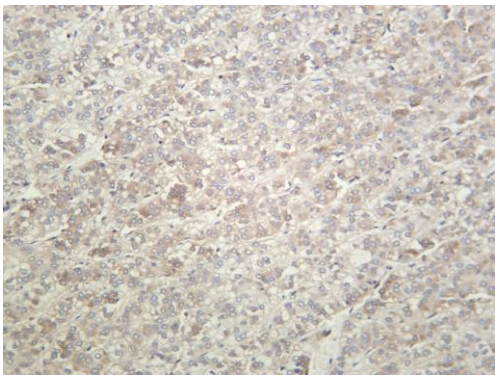
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	IHC 1:100-1:1000, WB 1:2000-1:10000, IF 1:200-1:1000, ELISA 1:5000-1:20000
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

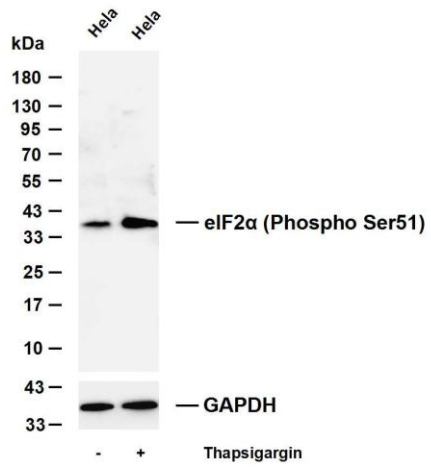
Validation Data



Immunofluorescence analysis of A549. 1,primary (4℃ Antibody (red) was diluted at 1:200 overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min).3, DAPI (blue) 10min.



Human hepatocellular carcinoma was stained with anti- eIF2α (Phospho Ser51) Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS- PAGE, and the membrane was blotted with anti-eIF2α (Phospho Ser51) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: Hela was treated with Thapsigargin (300nM) for 30 minutes Predicted band size: 36kDa Observed band size: 36kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.