

eIF2 alpha (phospho Ser51) antibody [GT1203]

Cat. No. GTX00965

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000

Not tested in other applications.

Calculated MW 36 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	A synthesized peptide derived from human Phospho-EIF2S1 (S51).
Purification	Purified by affinity chromatography
Conjugation	Unconjugated

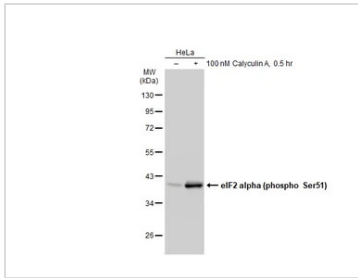
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

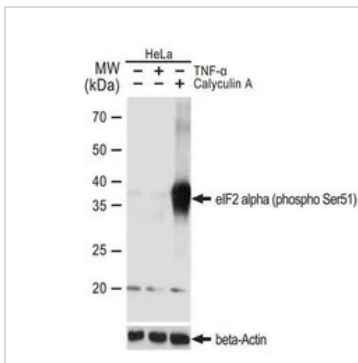
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DATA IMAGES

GTX00965 WB Image

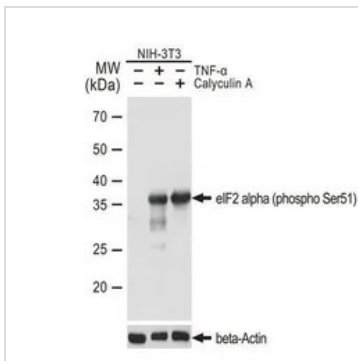
Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with eIF2 alpha (phospho Ser51) antibody [GT1203] (GTX00965) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX00965 WB Image

WB analysis of HeLa cell extracts with/without Calyculin A (100 nM, 37°C, 30 min) treatment after serum-starvation overnight or TNF-α (20 ng/ml, 37°C, 30 min) treatment using GTX00965 eIF2 alpha (phospho Ser51) antibody [GT1203].

Dilution : 1:1000

Loading : 25µg


GTX00965 WB Image

WB analysis of NIH-3T3 cell extracts with/without Calyculin A (100 nM, 37°C, 30 min) treatment after serum-starvation overnight or TNF-α (20 ng/ml, 37°C, 30 min) treatment using GTX00965 eIF2 alpha (phospho Ser51) antibody [GT1203].

Dilution : 1:1000

Loading : 25µg



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