

eIF2 alpha (phospho Ser48) antibody

Cat. No. GTX50342

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of Serine 49 (L-L-S(p)-E-L) derived from human eIF2 alpha.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated

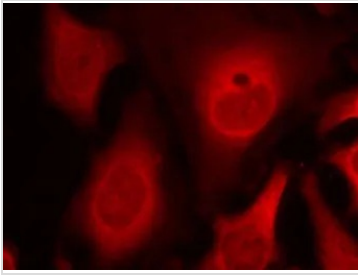
Note

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

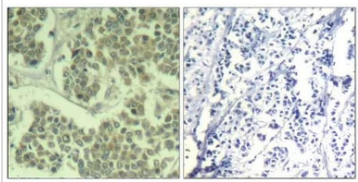
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DATA IMAGES

GTX50342 ICC/IF Image

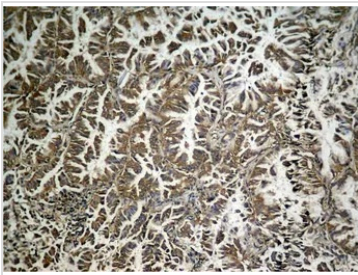
ICC/IF analysis of methanol-fixed HeLa cells using GTX50342 eIF2 alpha (phospho Ser48) antibody.


GTX50342 IHC-P Image

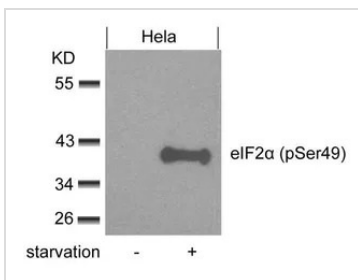
IHC-P analysis of human breast carcinoma tissue using GTX50342 eIF2 alpha (phospho Ser48) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide


GTX50342 IHC-P Image

IHC-P analysis of human lung carcinoma tissue using GTX50342 eIF2 alpha (phospho Ser48) antibody.


GTX50342 WB Image

WB analysis of extracts from HeLa cells untreated or treated with starvation using GTX50342 eIF2 alpha (phospho Ser48) antibody.



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