

# alpha (Phospho-Ser51) Conjugated Antibody

Catalog No: #C14123

Package Size: #C14123-AF350 100ul #C14123-AF405 100ul #C14123-AF488 100ul #C14123-AF555 100ul #C14123-AF594 100ul #C14123-AF647 100ul #C14123-AF680 100ul #C14123-AF750 100ul #C14123-Biotin 100ul #C14123-Conjugated 50ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	alpha (Phospho-Ser51) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	Phospho-eIF2 alpha (Ser51) Antibody detects endogenous levels of total Phospho-eIF2 alpha (Ser51)
Immunogen Description	A synthesized peptide derived from human Phospho-eIF2 alpha (Ser51)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EIF-2; eIF-2-alpha; eIF-2A; eIF-2alpha; EIF2; EIF2A; EIF2S1; IF2A;
Accession No.	Uniprot:P05198
Calculated MW	36kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

FC: 1:50-1:200

## Product Description

eIF2A a translation initiation factor that functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40s ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.