

Phospho-Serine Mouse Monoclonal Antibody

Catalog #: EAB13439

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IP, IHC-P, IF		All

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IP(Immunoprecipitation)	1:50-200
IHC-P(Immunohistochemistry-Paraffin)	1:50-300
IF(Immunofluorescence)	1:50-300

Product Information

Conjugate	Unconjugate
Specificity	Phospho-Serine Mouse Monoclonal Antibody detects endogenous levels of Phospho-Serine protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	
Entrez-Gene Id	

Product Description

Phosphoserine is an alpha amino acid that together with phosphothreonine, is one of the most ubiquitously modified amino acids in proteins. Many hormones, such as adrenaline (epinephrine), alter the activities of enzymes by stimulating the phosphorylation of serine and threonine, and these can have profound effects on cellular signal transduction, apoptosis and carcinogenesis.

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