

Phosphoserine antibody [PSR-45]

Cat. No. GTX26639

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ELISA
Reactivity	Species independent

References (2)

Package

100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1,000
ELISA	1:4,000

Not tested in other applications.

Product Note

By ELISA and dot blot, the antibody reacts specifically with phosphorylated serine, both as free amino acid or conjugated to carriers such as BSA or KLH. No cross-reactivity is observed with non-phosphorylated serine, phosphothreonine, phosphotyrosine, AMP or ATP. This antibody has been used in immunoblotting for the localization of some phosphoserine-containing proteins. Certain proteins known to contain phosphorylated serine may not be recognized by this antibody due to steric hindrance of the recognition site.

Properties

Form	Liquid
Buffer	Ascites
Preservative	15mM 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.
Immunogen	phosphoserine conjugated to Keyhole Limpet Hemocyanin (KLH).
Purification	Unpurified
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.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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