

# Phosphoserine antibody [PSR-45]

**Cat. No. GTX26639**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<b>Preservative</b>	15mM Sodium azide
<b>Storage</b>	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.
<b>Immunogen</b>	phosphoserine conjugated to Keyhole Limpet Hemocyanin (KLH).
<b>Purification</b>	Unpurified
<b>Conjugation</b>	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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