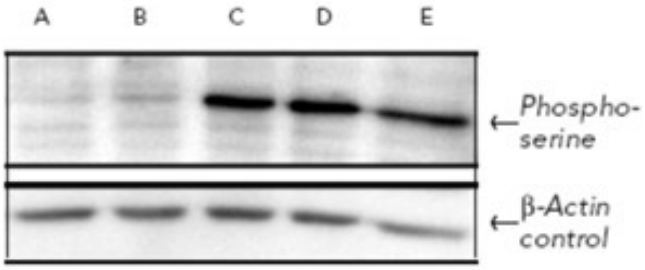
Phosphoserine polyclonal antibody

Protein phosphorylation is a complex biochemical process that is regulated by protein kinases that catalyze the transfer of the gamma-P of ATP to a recipient protein that acts as a substrate. This post-translational modification is primarily directed onto serine, threonine, and tyrosine amino acid residues within a protein. Changes in the phosphorylation status of phosphoproteins can alter their biological function, and aberrations in signal transduction cascades have been linked to a number of diseases, including cancer, diabetes, heart disease, inflammation and neurological disorders.

This antibody is covered by our Worry-Free Guarantee.

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Manuals, SDS & CofA View Online »



Western blot analysis of human MMRU melanoma cells probed with Phosphoserine, pAb. Top (from the left): MMRU cells treated with 0 (A), 50 (B), 200 (C), 400 (D) l long wavelength UV, or 0.1μM of okadaic acid (E). Bottom: Same samples probed with β-actin antibody (control).

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	ELISA, IHC, IP, WB
Formulation	Liquid. In PBS with 50% glycerol.
Host	Rabbit
Immunogen	Phosphoserine conjugated to KLH.
Purity Detail	Peptide affinity purified.
Recommendation Dilutions/Conditions	ELISA (1µg/ml)Immunohistochemistry (5µg/ml)Immunoprecipitation (10µg/mg protein)Western Blot (1µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Species independent
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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