

Mouse Phosphoserine Monoclonal Antibody

Mouse anti Phosphoserine antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71295	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunoprecipitation, Western Blot, ELISA

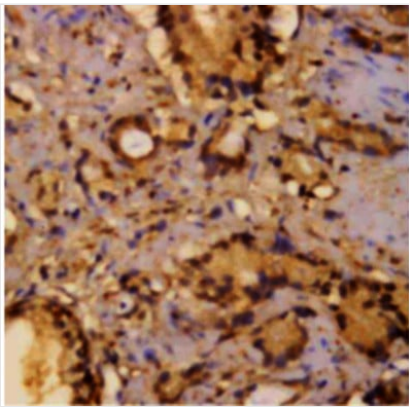
PRODUCT SYNONYMS

Phosphoserine; Monoclonal Antibody; Mouse anti Phosphoserine antibody; Mouse anti-pSER; anti-Phosphoserine antibody

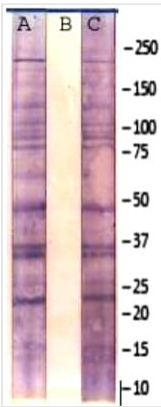
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	2A4
Specificity	This antibody recognizes phospho-serine (phospho-Ser) only. It does not cross react with phospho- Tyrosine or phospho-Threonine.
Purity/Purification	Affinity purified antibody
Form/Format	Supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-Phosphoserine antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot), ELISA
Antigen Preparation	A chemically linked phosphoserine.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry: Human breast carcinoma (FFPE) stained with Mouse anti-pSER (Cat# AAA71295) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.



WB (Western Blot)
Western Blot: The cell lysate derived from EGF-stimulated A431 was resolved onto 12% SDS-PAGE and immunoblotted by Mouse anti pSER (Cat# AAA71295) at 1:500 (lane A); or pre-incubated by Phosphoserine (lane B) or pre-incubated by phosphotyrosine (lane C). A panel of phosphorylated proteins was observed.

ADDITIONAL INFORMATION

Related Product Information for anti-Phosphoserine antibody

Protein phosphorylation is involved in cell signaling pathways. These cascades are mediated by two types of kinases: serine/threonine kinases which phosphorylate serine and threonine amino acid side chains and tyrosine kinases which phosphorylate tyrosine amino acid side chains. This process is regulated by kinases and phosphatases.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/phosphoserine-antibody-clone-2a4-immunohistochemistry-immunoprecipitation-western-blot-elisa/71295>