Recombinant Phospho-Serine/Threonine Rabbit mAb

Catalog: BS37020 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Phospho-serine/threonine is a post-translational modification in which phosphate groups are reversibly added to serine or threonine residues by protein kinases and removed by phosphatases. This modification is a fundamental mechanism of cellular signal transduction, regulating enzyme activity, protein-protein interactions, subcellular localization and many signaling pathways.

Product:

1mg/ml in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.

Molecular Weight:

N/A (post-translational modification; target proteins vary)

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/1000 - 1/3000)

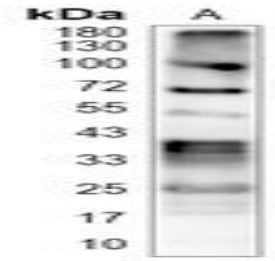
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Phospho-Serine/Threonine protein

DATA:



Western blot analysis of Prolactin Receptor expression in T47D (A) whole cell lysates.

Immunohistochemical analysis of Prolactin Receptor staining in human breast formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Prolactin Receptor staining in T47D cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ℃ in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151