



Mouse IgM Isotype Control

Catalog: MB30050

Host: Mouse

Reactivity:

BackGround:

Mouse IgM is an immunoglobulin isotype commonly used as an isotype control. IgM is a pentameric antibody produced early in immune responses; isotype controls are used to assess non-specific binding in flow cytometry and immunoassays.

Product:

Mouse IgM. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~900 kDa (pentameric IgM)

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

IF/ICC (1/50 - 1/200), FC (1/500 - 1/2000)

Storage&Stability:

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

Specificity:

DATA:

Western blot analysis of STMN1 (Phospho-S38) expression in Hela (A), Jurkat (B) whole cell lysates.

Immunohistochemical analysis of STMN1 (Phospho-S38) staining in human lung cancer 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 STMN1 (Phospho-S38) staining in MCF7 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 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

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