



Mouse IgG2b Isotype Control

Catalog: MB30049

Host: Mouse

Reactivity:

BackGround:

Mouse IgG2b is an immunoglobulin isotype used as an isotype control in flow cytometry and other immunoassays, helping to distinguish specific antigen binding from non-specific background signals.

Product:

Mouse IgG2b. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~150 kDa (intact IgG)

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 expression in rat brain (A), K562 (B), HeLa (C) whole cell lysates.

Immunohistochemical analysis of STMN1 staining in human breast 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 staining in HeLa 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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