His-tag polyclonal antibody-FITC labled

Catalog: BS31123 Host: Rabbit Reactivity: N/A

BackGround:

His-tag is a polyhistidine tag (usually six consecutive histidine residues) commonly fused to recombinant proteins for affinity purification and detection. This FITC-conjugated antibody to His-tag enables direct fluorescence-based detection of His-tagged recombinant proteins.

Product:

1mg/ml in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.

Molecular Weight:

N/A (affinity tag; target proteins vary)

Swiss-Prot:

Purification&Purity:

Immunogen affinity purified

Applications:

ELISA: Use at an assay dependent dilution.

Storage&Stability:

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

Specificity:

Recognizes the His-tag fused to the amino- or carboxy-termini of targeted proteins in transfected or transformed cells.

DATA:

Western blot analysis of EGR expression in Hela (A), PC3 (B), rat ovary (C), MCF7 (D) whole cell lysates.

Immunohistochemical analysis of EGR 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 EGR 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 ℃ 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.

Note:

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

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