

His-Tag Monoclonal Antibody

CATALOG #: 3646-100
AMOUNT: 100 µg
LOT #: _____
ISOTYPE: Mouse IgG2b

FORMULATION:

100 µg (0.5 mg/ml) mouse anti-His-Tag monoclonal antibody in phosphate buffered saline (PBS, pH 7.2), containing 50% glycerol, 1% BSA, 0.02% thimerosal.

SPECIES REACTIVITY:

It is expected that the His-Tag monoclonal antibody will react with proteins tagged with His from all species.

SPECIFICITY:

The antibody detects His-tagged recombinant proteins and His-tagged proteins over expressed in cells.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (1-2 µg/ml), immunoprecipitation (10-20 µg/ml), and immunocytochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

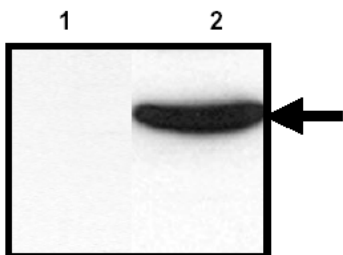


Fig. 1. Western blot analysis of His in 293 cells transfected with His-tagged vector (lane 2) and Control vector (lane 1)

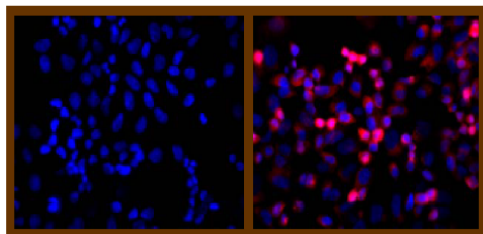


Fig. 2. Immunofluorescence of His-tagged fusion protein expressed in 293 cells. Left lane: Untransfected control; Right lane: Transfected cells.

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