

His-Tag mouse monoclonal antibody-HRP

Catalog: AP1022MH

Host: Mouse

Reactivity: Transfected

BackGround:

The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. A system that has proven to be very successful relies on the insertion of a six histidine (His6) sequence in the N-terminus of the encoded protein, allowing for efficient coupling to Ni²⁺-chelating resins and purification by single step affinity chromatography. This polyhistidine sequence can then be removed by specific cleavage at sites recognized by enzymes such as thrombin or enterokinase, permitting the separation of the target protein from the polyhistidine tag.

Product:

0.5mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

N/A

Swiss-Prot:

N/A

Purification&Purity:

The antibody was affinity-purified from cell culture supernatant by protein A+G and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:20000

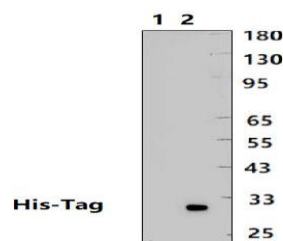
Storage&Stability:

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

Specificity:

His-tag mAb-HRP detects over-expressed or recombinant proteins containing the 6×His epitope tag.

DATA:



Western blot (WB) analysis of His-tag mAb-HRP at 1:2000 dilution

Lane1:HEK293F whole cell lysate

Lane2:HEK293F whole cell lysate,transfected (C-His).

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@bioworld.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