

His Tag Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4855
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Synthesized peptide of His Tag (AA: HHHHHHHH-KLH).
Mol wt	N/A
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IP
Concentration	N/A
Full name	N/A
Synonyms	6 His tag;HHHHHH tag

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The 6 X histidine motif is used as a tag on many recombinant proteins to facilitate purification. It can then be purified using immobilized metal ions, traditionally nickel, in a procedure termed immobilized-metal affinity chromatography. Further analysis of the protein can be achieved using an antibody specific to the 6 X histidine in techniques such as western blotting. The antibody recognizes the His-tag fused to targeted proteins in transfected or transformed cells.

Recommended Dilution

WB: 1:500-1:1000

IHC-p: 1:100 - 1:1000

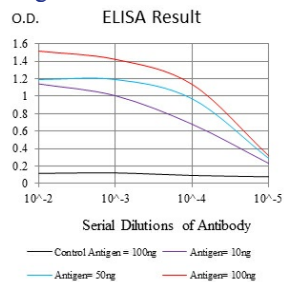
ICC: 1:100 - 1:1000

FCM: 1:200 - 1:400

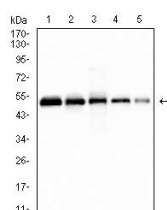
ELISA: 1:10000

Not yet tested in other applications.

Images



Red: Control Antigen (100ng) Purple: Antigen (10ng), Green: Antigen (50ng) Blue: Antigen (100ng)



Western blot analysis using His tag mAb against recombinant protein. lane 1: (100 ng); lane 2: (50 ng); lane 3: (25 ng); lane 4: (10 ng); lane 5: (2.5 ng); (Expected MW is 50 kDa).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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