

MN50114

His Tag mAb



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50ul;100ul;

Background:

A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. It is also known as hexa histidine-tag, 6xHis-tag, and by the trademarked name His-tag. Polyhistidine-tags are often used for affinity purification of polyhistidine-tagged recombinant proteins expressed in Escherichia coli and other prokaryotic expression systems.

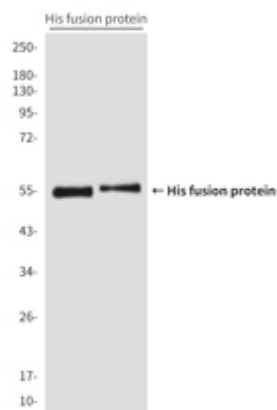
Alternative Names:

6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag

Source : Mouse

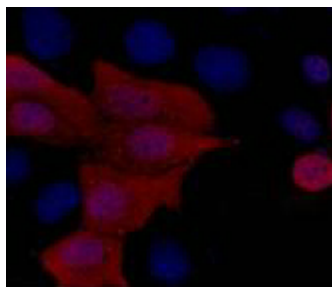
Application

WB



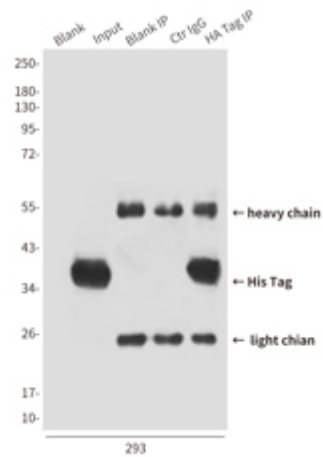
2ug His fusion protein+ Primary antibody
dilution at 1) 1:5000. 2) 1:10000

IF



Immunofluorescence analysis of His Tag in 293 cells transfected with a Histag protein using His Tag antibody (red), and DAPI (blue).

IP



Immunoprecipitation analysis of Flag Tag in
1、 untransfected 293 cell lysates
2、 transfected 293 cell lysates with Histag fusion protein
3、 IP (untransfected 293+antiHis mAb+ Protein G agarose)
4、 IP (transfected 293+ normal Mouse IgG+Protein G agarose)
5、 IP (transfected 293+antiHis mAb+ Protein G agarose)

Clonality : Monoclonal Antibody

Isotype : IgG1

Immunogen : Synthetic peptide: HHHHHH conjugated to KLH.

Reactivity : Transfected

Dilution : WB: 1/1000-1/10000 IF: 1/100-1/500 IP: 1/20

Molecular Weight : Refer to figures

Purification : Affinity Purified

Form : Liquid

Concentration : 1 mg/ml

Buffer:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Storage:

Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycles.