

Anti-6X His tag Antibody [8-F0]

M0812-3



Product Type:	Mouse monoclonal IgG2a, primary antibodies
Species reactivity:	Species independent
Applications:	WB, IP
Clone number:	8-F0

Description: A variety of plasmids contain DNA that encodes a tag consisting of six histidine (6xHis) residues followed by an extended multiple cloning site. The 6xHis tag on the expressed recombinant proteins allows for efficient coupling to Ni²⁺ affinity resins and purification by single step chromatography. This antibody can be used to detect the carboxyl-terminal 6xhis tag in recombinant protein.

Immunogen: Synthetic peptide immune sequence is CHHHHHHHH.

Positive control: C-terminal His-tagged recombinant protein.

Recommended Dilutions:

WB	1:2,000
IP	2-5 µg/ml.

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Protein G affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

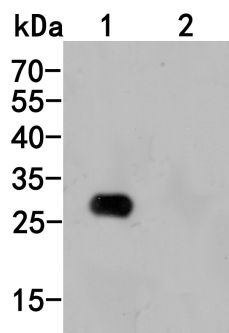


Fig1: Western blot analysis of 6X His tag on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (M0812-3, 1/1,000) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:5,000 dilution was used for 1 hour at room temperature.

Positive control:

Lane 1: C-terminal His-tagged recombinant protein

Lane 2: N-terminal His-tagged recombinant protein

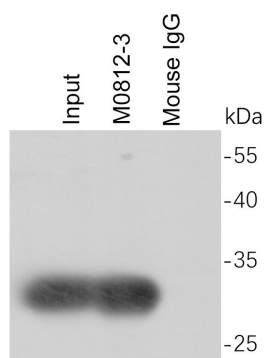


Fig2: His tag was immunoprecipitated in 2 μ g C terminal His Tag fusion protein lysate with M0812-3 at 2 μ g/20 μ l agarose. Western blot was performed from the immunoprecipitate using R1207-2 at 1/500 dilution. Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200,000 dilution was used for 60 mins at room temperature.

Lane 1: His Tag fusion protein lysate (input).

Lane 2: M0812-3 IP in His Tag fusion protein lysate.

Lane 3: Mouse IgG instead of M0812-3 in His Tag fusion protein lysate.

Blocking/Dilution buffer: 5% NFDM/TBST

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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