

6X His tag antibody [GT161]

Cat. No. GTX628921

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ELISA
Reactivity	Species independent

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ELISA	1:1000-1:10000

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 6X His tag
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

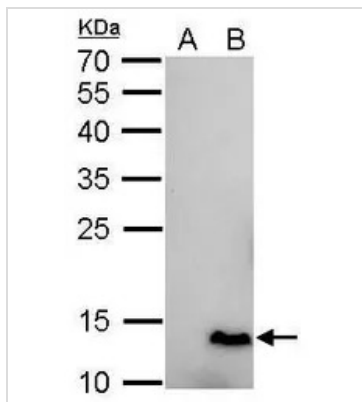
Note

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DATA IMAGES

GTX628921 WB Image

6X His tag antibody [GT161] detects 6xHis Tag protein by western blot analysis.

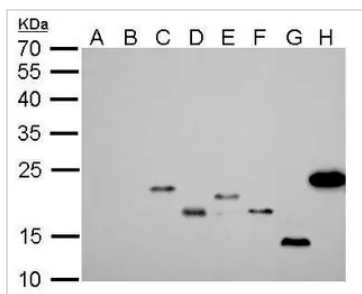
A. Non-induced cell lysate from E. coli expressing His-tagged proteins

B. IPTG-induced cell lysate from E. coli expressing His-tagged proteins

12% SDS-PAGE

6X His tag antibody [GT161] (GTX628921) dilution: 1:5000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628921 WB Image

6X His tag antibody [GT161] detects 6xHis Tag protein by western blot analysis.

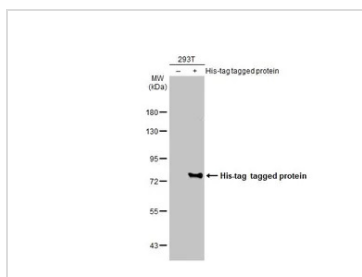
Lane A and B were IPTG-induced cell lysate from E. coli expressing different GST-tagged proteins.

Lane C to H were IPTG induced cell lysate from E. coli expressing different His-tagged protein.

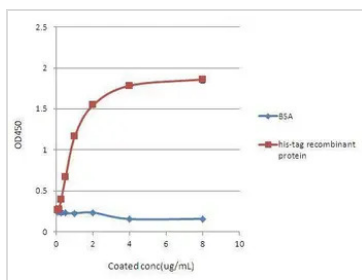
12% SDS-PAGE

6X His tag antibody [GT161] (GTX628921) dilution: 1:5000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628921 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with 6X His tag antibody [GT161] (GTX628921) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX628921 ELISA Image

6X His tag antibody [GT161] detects His-tagged recombinant proteins by indirect ELISA analysis. Various dilutions of His-tagged recombinant proteins coated onto the 96-well plate were detected by using 0.5 µg/ml 6X His tag antibody [GT161] (GTX628914). Bound Abs were further detected by using HRP-conjugated goat anti-mouse IgG (GTX213111-01) with HRP substrates.



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