

6x-His Tag Monoclonal Antibody (AD1.1.10), HRP

Product Details	
Size	100 µg
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	AD1.1.10
Conjugate	HRP
Immunogen	PAX6 transcription factor linked to histidine tag.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	0.01% thimerosal
Storage conditions	4° C, do not freeze
RRID	AB_931258

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	2 Publications
ELISA (ELISA)	1:20-1:1,000	3 Publications

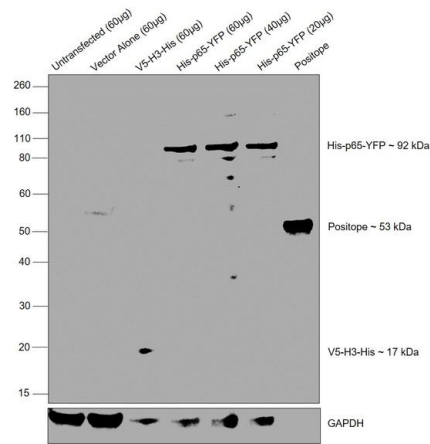
Product Specific Information

Mouse anti Histidine tag antibody, clone AD1.1.10, recognizes proteins and peptides containing the motif H-H-H-H-H-H and is therefore of value in detecting proteins containing histidine tags.

Product Images For 6x-His Tag Monoclonal Antibody (AD1.1.10), HRP

6x-His Tag Antibody (MA1-80218) in WB

Western Blot was performed using Anti-6x-His Tag Monoclonal Antibody (AD1.1.10), HRP (Product # MA1-80218) by loading whole cell extracts of untransfected and transiently transfected HEK-293E lysates: untransfected, 60 µg (Lane 1), empty vector control, 60 µg (Lane 2), V5-H3-His, 60 µg (Lane 3), His-p65-YFP, 60 µg (Lane 4), His-p65-YFP, 40 µg (Lane 5), His-p65-YFP, 20 µg (Lane 6) and 25 ng Positope (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). A 17 kDa band of V5-H3-His and a 92 kDa band of His-p65-YFP were observed in transfected lysates on probing with primary antibody (1:2000 dilution) and detected by chemiluminescence using the iBright FL 1500 (Product # A44241). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Positope (Product # R900-50) is a 53 kDa recombinant protein consisting multiple epitope tags, which has been used as a positive control for 6x-His Tag detection.



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Western Blot (2)

Cell reports

Cross-reactivity of SARS-CoV structural protein antibodies against SARS-CoV-2.

"Published figure using 6x-His Tag monoclonal antibody (Product # MA1-80218) in Western Blot"

Authors: Bates TA,Weinstein JB,Farley S,Leier HC,Messer WB,Tafesse FG

Year
2021

Species
Tag

Cell reports

Hsp90 Is Essential under Heat Stress in the Bacterium Shewanella oneidensis.

"MA180218 was used in western blot to find that Hsp90 interacts with TiIS, preventing TiIS aggregation in vitro at high temperature"

Authors: Honoré FA,Méjean V,Genest O

Year
2017

Species
Tag

ELISA (3)

Protein science : a publication of the Protein Society

Development and characterization of specific anti-USutu virus chicken-derived single chain variable fragment antibodies.

"Published figure using 6x-His Tag monoclonal antibody (Product # MA1-80218) in ELISA"

Authors: Schoenenwald AKJ,Gwee CP,Stiasny K,Hermann M,Vasudevan SG,Skern T

Year
2020

Species
Tag

bioRxiv : the preprint server for biology

Cross-reactivity of SARS-CoV structural protein antibodies against SARS-CoV-2.

"MA1-80218 was used in an ELISA assay to characterize antibodies of the SARS-CoV structural proteins for their cross-reactivity, experimental utility, and neutralization of SARS-CoV-2."

Authors: Bates TA,Weinstein JB,Farley SE,Leier HC,Messer WB,Tafesse FG

Year
2020

Species
Tag

Dilution
1:4000

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More applications with references on thermofisher.cn

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