

# Myc Tag Polyclonal Antibody

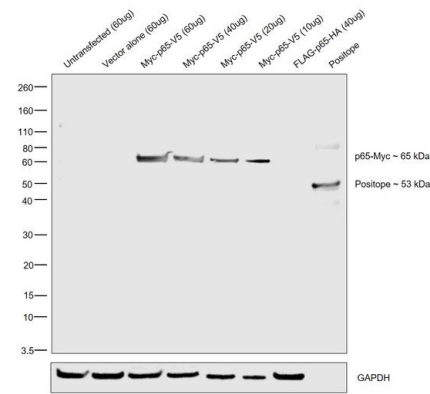
Product Details	
Size	100 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Chicken / IgY
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Was raised against the peptide EQKLISEEDL.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.2
Contains	0.1% sodium azide
Storage conditions	4° C
RRID	AB_2535826

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	1 Publication
Immunohistochemistry (IHC)	1-10 µg/mL	4 Publications
Immunocytochemistry (ICC/IF)	Assay-dependent	8 Publications
Flow Cytometry (Flow)	-	23 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For Myc Tag Polyclonal Antibody

Myc Tag Antibody (A-21281) in WB

Western blot was performed using Myc Tag Polyclonal Antibody (Product # A-21281) 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), Myc-p65-V5, 60 µg (Lane 3), Myc-p65-V5, 40 µg (Lane 4), Myc-p65-V5, 20 µg (Lane 5), Myc-p65-V5, 10 µg (Lane 6), FLAG-p65-HA, 40 µg (Lane 7) and 25 ng of Positope (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). A ~65 kDa band corresponding to Myc-p65-V5 was observed in HEK293E transfected lysates on probing with the primary antibody (0.3 µg/mL) and detected by chemiluminescence with Goat anti-Chicken IgY (H+L) Secondary Antibody, HRP (Product # A16054) . Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Positope (Product # R90050) is a 53 kDa recombinant protein consisting multiple epitope tags but lacks HA tag, which has been used as a positive control for c-Myc tag detection. No cross-reactivity was seen with FLAG-HA-tagged p65 expressing lysate.



Western Blot (1)

Cell reports	Year 2020
<b>Small Molecule Dysregulation of TEAD Lipidation Induces a Dominant-Negative Inhibition of Hippo Pathway Signaling.</b>	Species Tag
"A-21281 was used in Western Blot to demonstrate that targeting the TEAD LP is a promising therapeutic strategy for modulating the Hippo pathway, showing tumor stasis in a mouse xenograft model."	Dilution 1:1000
Authors: Holden JK,Crawford JJ,Noland CL,Schmidt S,Zbieg JR,Lacap JA,Zang R,Miller GM,Zhang Y,Beroza P,Reja R, Lee W,Tom JYK,Fong R,Steffek M,Clausen S,Hagenbeek TJ,Hu T,Zhou Z,Shen HC,Cunningham CN	

Immunohistochemistry (4)

Cell	Year 2021
<b>Functional diversity for body actions in the mesencephalic locomotor region.</b>	Species Tag
"A-21281 was used in Immunohistochemistry to identify and functionally dissect glutamatergic mesencephalic locomotor region subpopulations based on the premise that target connectivity might be linked to function."	
Authors: Ferreira-Pinto MJ,Kanodia H,Falasconi A,Sigrist M,Esposito MS,Arber S	

The Journal of clinical investigation	Year 2017
<b>EMC3 coordinates surfactant protein and lipid homeostasis required for respiration.</b>	Species Tag
"A-21281 was used in Immunohistochemistry to demonstrate that EMC3 is required for murine pulmonary surfactant synthesis and lung function at birth."	
Authors: Tang X,Snowball JM,Xu Y,Na CL,Weaver TE,Clair G,Kyle JE,Zink EM,Ansong C,Wei W,Huang M,Lin X, Whitsett JA	

[View more IHC references on thermofisher.com](#)

Immunocytochemistry (8)

FASEB journal : official publication of the Federation of American Societies for Experimental Biology	Year 2021
<b>Alternative splicing of the metalloprotease ADAMTS17 spacer regulates secretion and modulates autolytic activity.</b>	Species Tag
"A-21281 was used in Immunocytochemistry to identify a novel disulfide-bridged insertion in the ADAMTS17A spacer that originates from inclusion of a novel exon."	Dilution 1:500
Authors: Balic Z,Misra S,Willard B,Reinhardt DP,Apte SS,Hubmacher D	

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More applications with references on thermofisher.com

- Flow (23)
- Misc (2)

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