

HA Tag Monoclonal Antibody (2-2.2.14), HRP

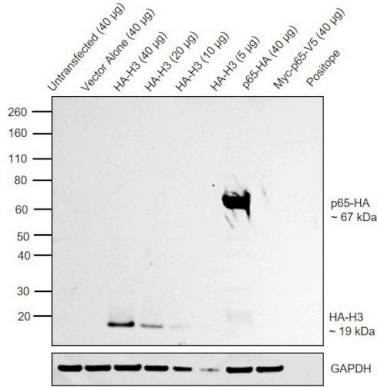
Product Details	
Size	50 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2-2.2.14
Conjugate	HRP
Immunogen	HA peptide YPYDVPDYA derivitized to ovalbumin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	proprietary buffer, pH 7.4
Contains	0.07% Kathon
Storage conditions	4° C
RRID	AB_2533056

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	14 Publications

Product Images For HA Tag Monoclonal Antibody (2-2.2.14), HRP

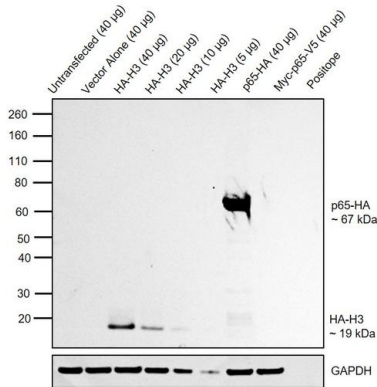
HA Tag Antibody (26183-HRP)

Antibody specificity was demonstrated by detection of different targets fused to HA tag in transiently transfected lysates tested. Relative detection of HA tag was observed across different proteins fused with HA tag in HA-H3 (Lane 3-6) and p65-HA (Lane 7), using HRP-conjugated Anti-HA Mouse Monoclonal Antibody (Product # 26183-HRP) in Western Blot. This product has been shown to detect HA Tag at both N- and C- termini of a fusion protein. {RE}



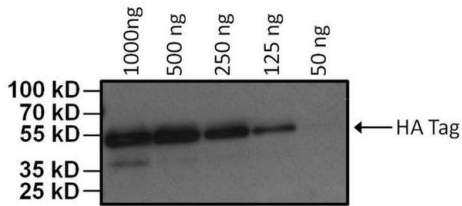
HA Tag Antibody (26183-HRP) in WB

Western blot was performed using HRP-conjugated Anti-HA Mouse Monoclonal Antibody (Product # 26183-HRP) by loading whole cell extracts of untransfected and transiently transfected HEK-293E lysates: untransfected, 40 µg (Lane 1), empty vector control, 40 µg (Lane 2), HA-H3, 40 µg (Lane 3), HA-H3, 20 µg (Lane 4), HA-H3, 10 µg (Lane 5), HA-H3, 5 µg (Lane 6), p65-HA, 40 µg (Lane 7), Myc-p65-V5, 40 µg (Lane 8) and 25 ng of Positope (Lane 9) 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 ~19 kDa band corresponding to HA-H3 and ~67 kDa band corresponding to p65-HA were observed in HEK293E transfected lysates on probing with the primary antibody (0.2 µg/mL) and detected by chemiluminescence using the iBright FL 1500 (Product # A44241). Positope (Product # R90050) is a 53 kDa recombinant protein consisting multiple epitope tags but lacks HA tag, which has been used as a negative control for HA tag detection. No cross-reactivity was seen with Myc or V5-tagged p65 expressing lysate.



HA Tag Antibody (26183-HRP) in WB

Western blot analysis of HA Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with an HRP-conjugated HA Epitope Tag monoclonal antibody (Product # 26183-HRP) at a dilution of 1:1000 overnight at 4°C on a rocking platform and washed in TBS-0.1% Tween-20. Chemiluminescent detection was performed using SuperSignal West Dura (Product # 34075).



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Western Blot (14)

<p>Nature communications</p> <p>TRIM28-dependent SUMOylation protects the adult ovary from activation of the testicular pathway.</p> <p>"26183-HRP was used in Western Blotting to show that TRIM28 is required to prevent female-to-male sex reversal of the mouse ovary after birth."</p> <p>Authors: Rossitto M,Déjardin S,Rands CM,Le Gras S,Migale R,Rafiee MR,Neirijnck Y,Pruvost A,Nguyen AL,Bossis G, Cammas F,Le Gallic L,Wilhelm D,Lovell-Badge R,Boizet-Bonhoure B,Nef S,Poulat F</p>	<p>Year 2022</p> <p>Species Tag</p> <p>Dilution 1:5000</p>
<p>Nature</p> <p>TMK-based cell-surface auxin signalling activates cell-wall acidification.</p> <p>"Published figure using HA Tag monoclonal antibody (Product # 26183-HRP) in Western Blot"</p> <p>Authors: Lin W,Zhou X,Tang W,Takahashi K,Pan X,Dai J,Ren H,Zhu X,Pan S,Zheng H,Gray WM,Xu T,Kinoshita T, Yang Z</p>	<p>Year 2021</p>

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