HIF1A Monoclonal Antibody (H1alpha 67-7)

Product Details	
Size	100 µL
Species Reactivity	Human, Non-human primate
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	H1alpha 67-7
Conjugate	Unconjugated
Immunogen	Fusion protein containing residues 432-528 of human HIF-1 alpha.
Form	Liquid
Concentration	1.5 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_568571

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	1 Publication

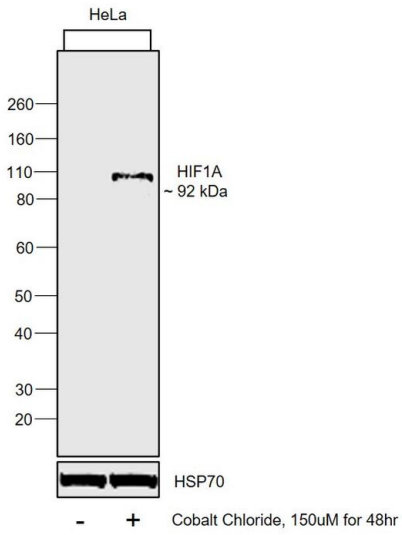
Product Specific Information

In Western blot, multiple bands may be seen at 120 kDa representing post-translational modification of HIF-1 alpha.

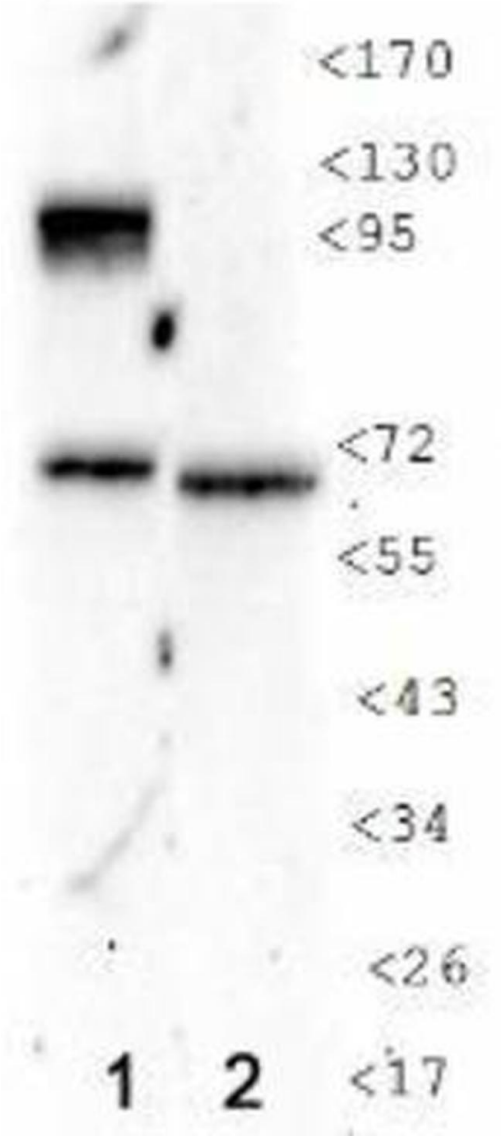
Nuclear extracts are recommended.

Suggested positive control: Cos7 CoCl2-treated nuclear extract.

Product Images For HIF1A Monoclonal Antibody (H1alpha 67-7)



HIF1A Antibody (MA1-16517) in WB
Western blot was performed using Anti-HIF1A Monoclonal Antibody (H1alpha 67-7) (Product # MA1-16517) and a 92kDa band corresponding to Hypoxia-inducible factor 1-alpha was observed in Hela upon Cobalt chloride treatment. Nuclear enriched extracts (50 µg lysate) of HeLa (Lane 1) and HeLa treated with Cobalt chloride (150uM for 48hr) (Lane 2) 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). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



HIF1A Antibody (MA1-16517) in WB
Western blot analysis of HIF1A in 1: Cos7 CoCl2 treated cells. 2: Untreated cells. Samples were incubated in HIF1A monoclonal antibody (Product # MA1-16517).

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1 Reference

Western Blot (1)

International journal of molecular sciences

Year
2021

Intrabody Targeting HIF-1 Mediates Transcriptional Downregulation of Target Genes Related to Solid Tumors.

"Published figure using HIF1A monoclonal antibody (Product # MA1-16517) in Western Blot"

Authors: Hu Y,Romão E,Vincke C,Brys L,Elkrim Y,Vandevenne M,Liu C,Muyldermans S

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