

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.

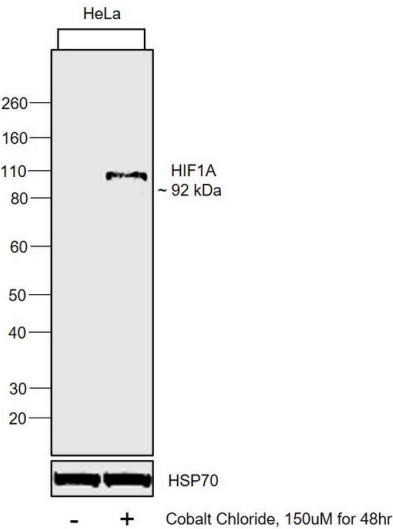
Nuclear extracts are recommended.

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).



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	

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.