

HIF1A Monoclonal Antibody (H1alpha67), DyLight™ 550

Product Details

Size	100 µL
Species Reactivity	Bovine, Dog, Cat, Ferret, Human, Mouse, Non-human primate, Sheep, Pig, Rabbit, Rat, Xenopus
Published Species	Rabbit, Rat, Human, Mouse
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	H1alpha67
Conjugate	DyLight™ 550
Excitation/Emission Max	556/570 nm
Immunogen	Fusion protein containing amino acids 432-528 of human HIF-1alpha.
Form	Liquid
Concentration	0.90 mg/mL
Purification	Protein G
Storage buffer	50mM sodium borate
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_11157856

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	7 Publications
Immunohistochemistry (IHC)	-	19 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunohistochemistry (Frozen) (IHC (F))	1:100	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	-
Gel Shift (GS)	-	1 Publication

Product Specific Information

In Western blot, multiple bands may be seen at 100-120 kDa representing post-translational modification of HIF-1 alpha.

For WB, testing on nuclear extracts is recommended.

Suggested positive control: Cos-7 nuclear extracts.

Western Blot (7)

Phytomedicine : international journal of phytotherapy and phytopharmacology Enhancing effects of a chromone glycoside, eucryphin, isolated from Astilbe rhizomes on burn wound repair and its mechanism. "MA5-16010 was used in western blot to study the mechanisms underlying the beneficial effects of a chromone glycoside on the repair of burn wounds" Authors: Sumiyoshi M,Kimura Y	Year 2010 Species Human
PloS one Changes in vascular permeability and expression of different angiogenic factors following anti-angiogenic treatment in rat glioma. "MA5-16010 was used in western blot to study changes in vascular parameters, growth factors and tumor size following treatment of rat glioma with a VEGFR tyrosine kinase inhibitor" Authors: Ali MM,Janic B,Babajani-Feremi A,Varma NR,Iskander AS,Anagli J,Arbab AS	Year 2010 Species Rat

[View more WB references on thermofisher.cn](#)

Immunohistochemistry (19)

BMC cancer The role of CXC-chemokine receptor CXCR2 and suppressor of cytokine signaling-3 (SOCS-3) in renal cell carcinoma. "MA5-16010 was used in immunohistochemistry to study the expression and role of CXCR2 and SOCS3 in renal cell carcinoma aggressiveness and metastasis" Authors: Stofas A,Levidou G,Piperi C,Adamopoulos C,Dalagiorgou G,Bamias A,Karadimou A,Lainakis GA,Papadoukakis S,Stravodimos K,Dimopoulos MA,Patsouris E,Gakiopoulou H,Korkolopoulou P	Year 2014 Species Human
Clinical cancer research : an official journal of the American Association for Cancer Research The role of aberrant VHL/HIF pathway elements in predicting clinical outcome to pazopanib therapy in patients with metastatic clear-cell renal cell carcinoma. "MA5-16010 was used in immunohistochemistry to study the value of analysing VHL/HIF pathway components for predicting the therapeutic response of metastatic clear-cell renal cell carcinoma patients to pazopanib" Authors: Choueiri TK,Fay AP,Gagnon R,Lin Y,Bahamon B,Brown V,Rosenberg JE,Hutson TE,Baker-Neblett KL,Carpenter C,Liu Y,Pandite L,Signoretti S	Year 2013 Species Human Dilution 1:10,000

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

More applications with references on thermofisher.cn

ICC/IF (1) GS (1)

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.