

HIF1A Monoclonal Antibody (H1alpha67), DyLight 550

Product Details

Size	100 µL
Species Reactivity	Bovine, Ferret, Human, Mouse, Non-human primate, Sheep, Pig, Rabbit, Rat, Xenopus, Yeast
Published Species	Rabbit, Rat, Human, Mouse
Host/Isotope	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	H1alpha67
Conjugate	DyLight® 550
Immunogen	Fusion protein containing amino acids 432-528 of human HIF-1alpha.
Form	Liquid
Concentration	0.65 mg/mL
Purification	Protein G
Storage buffer	sodium borate
Contains	0.05% sodium azide
Storage Conditions	4° C, store in dark
RRID	AB_11157856

Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	-		19 Publications
Western Blot (WB)	✓	1:500	7 Publications
Immunocytochemistry (ICC)	✓	Assay-Dependent	1 Publication
Gel Shift (GS)	-		1 Publication
ChIP assay (ChIP)	✓	Assay-Dependent	
Immunofluorescence (IF)	✓	Assay-Dependent	
Immunohistochemistry (Frozen) (IHC (F))	✓	1:100	
Immunohistochemistry (Paraffin) (IHC (P))	✓	Assay-Dependent	
Immunoprecipitation (IP)	✓	Assay-Dependent	

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.

28 References

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

Species
Human

Dilution
Not Cited

Year
2014

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

Species
Human

Dilution
1:10,000

Year
2013

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

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

Species
Human

Dilution
Not Cited

Year
2010

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

Species
Rat

Dilution
Not Cited

Year
2010

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

More applications with references on thermofisher.com

ICC (1) GS (1)

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