

HIF1 alpha antibody [H1alpha67]

Cat. No. GTX30105

| Host | Mouse |
|--------------|-----------------------------------------------------------------------------------------------|
| Clonality | Monoclonal |
| Isotype | lgG2b |
| Applications | WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA, ChIP assay, Activation, Gel supershift assays, IHC |
| Reactivity | Human, Mouse, Rat, Yeast, Rabbit, Sheep, Bovine, Pig, Monkey, Bat, Ferret, Xenopus, Primate |

References (9) Package 100 μΙ

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|----------------------------------|----------------------|
| WB | 1:500 |
| ICC/IF | 1:50 |
| IHC-P | 1:20 - 1:50 |
| IHC-Fr | 1:20 - 1:50 |
| FCM | 1:10 - 1:1000 |
| IP | 1:10 - 1:500 |
| ELISA | 1:100 - 1:2000 |
| ChIP assay | 1 - 5 μg |
| Activation | Assay dependent |
| Gel supershift assays | 1:1 - 1:100 |
| IHC | 1:20 - 1:50 |
| Not tested in other applications | |

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Calculated MW 93 kDa. (<u>Note</u>)

| Properties | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form | Liquid |
| Buffer | PBS, 1% BSA |
| Preservative | 0.05% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



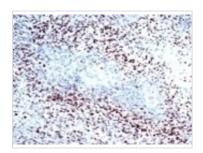
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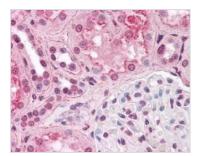
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen | A fusion protein containing amino acids 432 - 528 of human HIF-1 alpha [UniProt# Q16665]. |
| Purification | Protein G purified |
| Conjugation | Unconjugated |
| Note | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |
| | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

DATA IMAGES



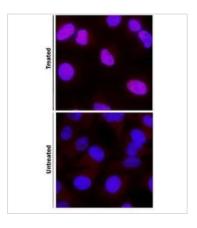
GTX30105 IHC-P Image

IHC-P analysis of human glioblastoma multiforme tissue using GTX30105 HIF1 alpha antibody [H1alpha67].



GTX30105 IHC-P Image

IHC-P analysis of human kidney tissue using GTX30105 HIF1 alpha antibody [H1alpha67].



GTX30105 ICC/IF Image

 $ICC/IF\ analysis\ of\ Deferoxamine-treated\ HeLa\ cells\ using\ GTX30105\ HIF1\ alpha\ antibody\ [H1alpha67].$

Red: primary antibody

Blue : DAPI Dilution : 1 μg/ml

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