

HIF1–alpha IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_851397.1
Catalog No. IHC-00460-T	Uniprot ID	Q16665
Lot No. 4	GeneID	3091

APPLICATIONS	IHC, ICC–IF
SPECIES REACTIVITY	Human
AMOUNT	10 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris–buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to HIF1–alpha immobilized on solid support.

The epitope recognized by IHC-00460 maps to a region between residues 775 and the C-terminus (residue 826) of human hypoxia-inducible factor 1, alpha subunit using the numbering given in Swiss-Prot entry Q16665 (GeneID 3091).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 for 20 minutes using a pressure cooker is recommended for FFPE tissue sections.

Immunofluorescence 1:100 – 1:500
(ICC)

APPLICATION NOTES Epitope exposure is recommended.

Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining.

Likely to work with frozen sections.

In some cases, the antibody may be diluted further than indicated.

IHC HUMAN CONTROLS HeLa Cells

IHC MOUSE CONTROLS Squamous Cell Carcinoma

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 23, 2025

