

# Anti-HIF1A [Hif28b]

**Catalogue number:** 151259

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Helen Turley

**Institute:** University of Oxford

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HIF1A [Hif28b]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Induction of the Hif regulated genes, as a consequence of the microenvironment or genetic changes, is known to have an important role in the growth of experimental tumours. HIF1A has been observed in varying subsets of tumour cells from various solid tumours.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Immunogen containing human HIF1A amino acids 329-530.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Hypoxia-inducible factor 1, alpha subunit (HIF1A)

**Target alternate names:**

**Target background:** Induction of the Hif regulated genes, as a consequence of the microenvironment or genetic changes, is known to have an important role in the growth of experimental tumours. HIF1A has been observed in varying subsets of tumour cells from various solid tumours.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Argyris et al. 2019. Oral Oncol. 95:1-10. PMID: 31345374. ; Lan et al. 2018. Int J Radiat

Oncol Biol Phys. 101(1):74-87. PMID: 29619980. ; Xu et al. 2017. Mol Med Rep. 16(6):8755-8762. PMID: 29039481. ; Novo et al. 2015. Gynecol Oncol Rep. 14:26-30. PMID: 26793768. ; The role of bone marrow mesenchymal stem cells in the treatment of acute liver failure. ; Yuan et al. 2013. Biomed Res Int. 2013:251846. PMID: 24312909. ; Giatromanolaki et al. 2003. J Pathol. 200(2):222-8. PMID: 12754744. ; DEC1 (STRA13) protein expression relates to hypoxia- inducible factor 1-alpha and carbonic anhydrase-9 overexpression in non-small cell lung cancer. ; Hui et al. 2002. Clin Cancer Res. 8(8):2595-604. PMID: 12171890. ; Coexpression of hypoxia-inducible factors 1alpha and 2alpha, carbonic anhydrase IX, and vascular endothelial growth factor in nasopharyngeal carcinoma and relationship to survival. ; Turley et al. 1998. J Pathol. 186(3):313-8. PMID: 10211122. ; Expression of VEGF in routinely fixed material using a new monoclonal antibody VG1.

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