

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-HIF-2 α Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 34040 (clone EP190b)
Size: 100ug in PBS, pH 7.4; 50% glycerol, 0.09% sodium azide. Purified by Protein G affinity chromatography.

BACKGROUND

Members of the hypoxia-inducible factor (HIF) family of transcription factors regulate cellular responses to hypoxia. HIF-2 α is involved in catecholamine homeostasis, vascular remodeling, physiological angiogenesis, and adipogenesis. It is overexpressed in many cancerous tissues. Studies suggest that in non-small cell lung cancer, HIF-2 α is a promoter of tumor growth and progression in a solid tumor.

SPECIFICATION SUMMARY

Antigen: Fusion protein corresponding to aa 535-631 of human HIF-2 α .

Host Species: Mouse

Antibody Class: IgG1

SPECIFICITY

This antibody recognizes human HIF-2 α .

APPLICATIONS

Immunoblotting: use at 1-10ug/ml

IHC/ICC: use at 10ug/ml, frozen and paraffin-embedded samples.

See Talks et al. 2000 Am J Pathol 157: 411-421.

These are recommended concentrations.

User should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid repeated freezing and thawing.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.