

HIF-2 α Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 34040 (clone EP190b)

Format: 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 .

Accession no.: Q99814, NP_001421.4

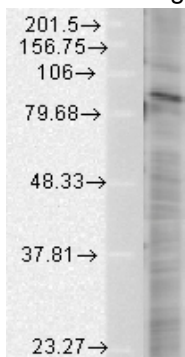
Host Species: Mouse

Antibody Class: IgG1

Specificity: This antibody recognizes human HIF-2 α .

APPLICATIONS

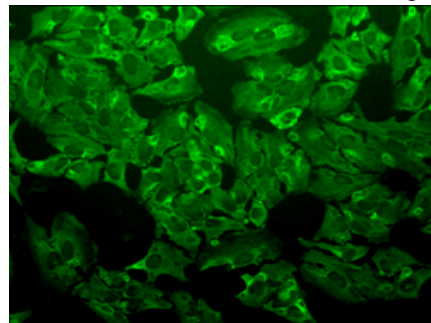
Immunoblotting: use at 1ug/ml. Predicted molecular weight ~96kDa.



Detection of HIF-2 α in CoCl-treated HeLa cell lysate.

These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

Immunofluorescence: use at 10ug/ml.



Detection of HIF-2 α in formaldehyde-fixed HeLa cells.

DILUTION INSTRUCTIONS

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

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20oC. Store in appropriate aliquots to avoid multiple freeze-thaw cycles.

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