

HIF2 alpha Antibody FITC Conjugated

Catalog No: #C02924F

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Description

Product Name	HIF2 alpha Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1-50 874 derived from mouse HIF2 Alpha
Conjugates	FITC
Target Name	HIF2 alpha
Other Names	HLF; HRF; MOP2; HIF2A; bHLHe73; HIF-2alpha; Endothelial PAS domain-containing protein 1; EPAS-1; HIF-1-alpha-like factor; mHLF; HIF-related factor; Hypoxia-inducible factor 2-alpha; HIF-2-alpha; HIF2-alpha; Epas1
Accession No.	Swiss-Prot#P97481NCBI Gene ID13819
Uniprot	P97481
GeneID	13819;
Excitation Emission	494nm 518nm
Cell Localization	Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Transcription factor involved in the induction of oxygen regulated genes. Binds to core DNA sequence 5'-[AG]CGTG-3' within the hypoxia response element (HRE) of target gene promoters. Regulates the vascular endothelial growth factor (VEGF) expression and seems to be implicated in the development of blood vessels and the tubular system of lung. May also play a role in the formation of the endothelium that gives rise to the blood brain barrier. Potent activator of the Tie-2 tyrosine kinase expression. Activation requires recruitment of transcriptional coactivators such as CREBPB and probably EP3. Interaction with redox regulatory protein APEX seems to activate CTAD (By similarity).

Note: This product is for in vitro research use only