Product Name: **HIF2a Mouse Monoclonal Antibody**
Catalog #: **AMM83014**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	96.5kDa

Antigen Information

Gene Name	HIF2a
Alternative Names	HLF; MOP2; ECYT4; HIF2A; PASD2; bHLHe73
Gene ID	2034.0
SwissProt ID	Q99814
Immunogen	Purified recombinant fragment of human HIF2a (AA: 680-870) expressed in E. Coli.

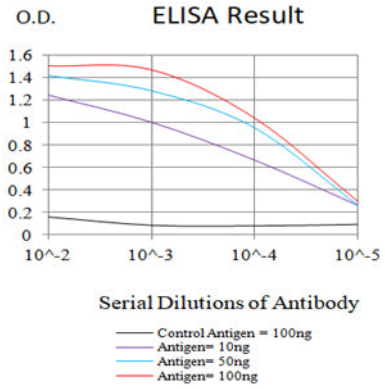
Background

This gene encodes a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. The encoded protein contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in this gene are associated with

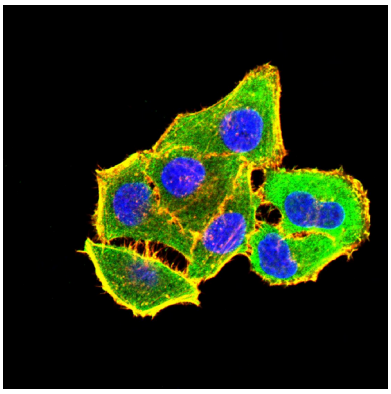
erythrocytosis familial type 4. [provided by RefSeq, Nov 2009]

Research Area

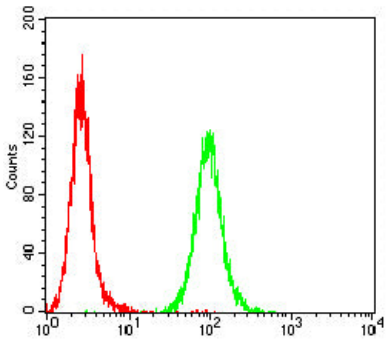
Image Data



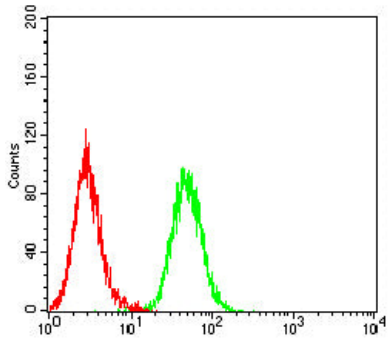
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



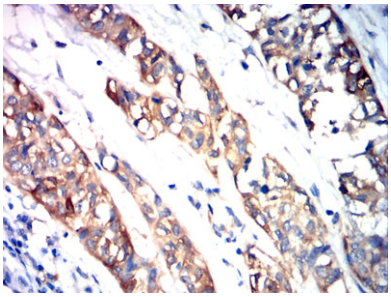
Immunofluorescence analysis of Hela cells using HIF2a mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



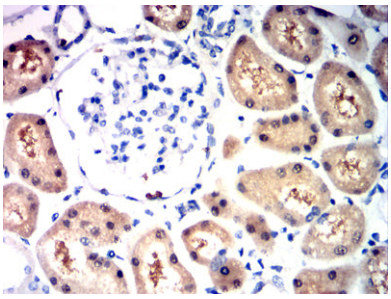
Flow cytometric analysis of Hela cells using HIF2a mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using HIF2a mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human baldder cancer tissues using HIF2a mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using HIF2a mouse mAb with DAB staining.