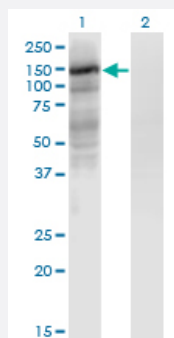


EPAS1 monoclonal antibody (M08), clone 1G2

Catalog # H00002034-M08

Size 100 ug

Applications

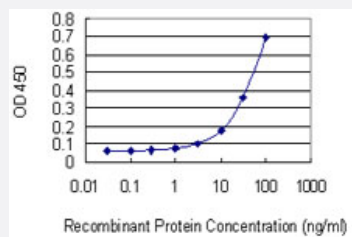


Western Blot (Transfected lysate)

Western Blot analysis of EPAS1 expression in transfected 293T cell line by EPAS1 monoclonal antibody (M08), clone 1G2.

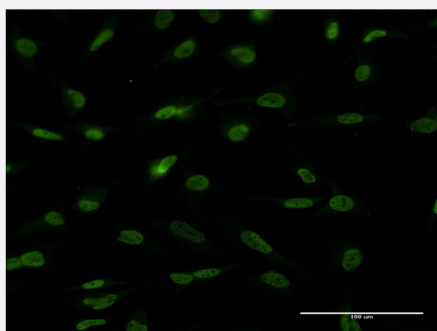
Lane 1: EPAS1 transfected lysate (Predicted MW: 96.5 KDa).

Lane 2: Non-transfected lysate.



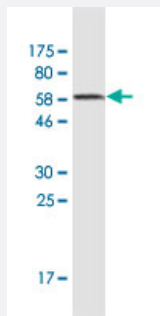
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EPAS1 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to EPAS1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (60.83 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EPAS1.
Immunogen	EPAS1 (NP_001421.2, 28 a.a. ~ 347 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SKETEVFYELAHELPLPHSVSSHLDKASIMRLAISFLRTHKLLSSVCSENESEAEADQQMDNLYLK ALEGFIADVTTQDGMIFLSENISKFMGLTQVELTGHSIFDFTHPCDHEEIRENLSLKNNGSGFGKKSK DMSTERDFFMRMKCTVTNRGRTVNLKSATWKVLHCTGQVKVYNNCPPHNSLCGYKEPLLSCLIIM CEPIQHPSHMDIPLDSKTFLSRHSMMDMKFTYCDDRITELIGYHPEELLGRSAYEFYHALDSENMTK SHQNLCTKGQVVSGQYRMLAKHGGYVWLETQGTVMNPRNLQPQCIMCVNYVLSEI
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.83 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of EPAS1 expression in transfected 293T cell line by EPAS1 monoclonal antibody (M08), clone 1G2.

Lane 1: EPAS1 transfected lysate (Predicted MW: 96.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EPAS1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to EPAS1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — EPAS1

Entrez GeneID [2034](#)

GeneBank Accession# [NM_001430.3](#)

Protein Accession# [NP_001421.2](#)

Gene Name EPAS1

Gene Alias ECYT4, HIF2A, HLF, MOP2, PASD2, bHLHe73

Gene Description endothelial PAS domain protein 1

Omim ID [603349](#)

Gene Ontology [Hyperlink](#)

Other Designations HIF-1alpha-like factor

Pathway

- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Altitude Sickness](#)
- [Anoxia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Polycythemia](#)
- [Retinopathy of Prematurity](#)