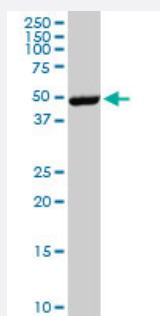


EPOR monoclonal antibody (M02), clone 3F6

Catalog # H00002057-M02

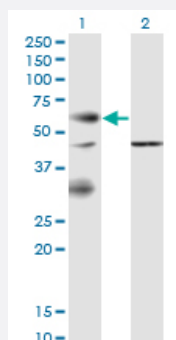
Size 100 ug

Applications



Western Blot (Cell lysate)

EPOR monoclonal antibody (M02), clone 3F6. Western Blot analysis of EPOR expression in HeLa (Cat # L013V1).

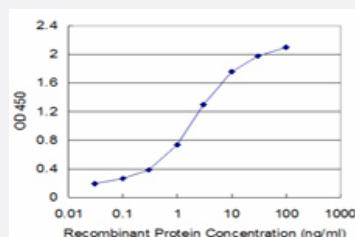


Western Blot (Transfected lysate)

Western Blot analysis of EPOR expression in transfected 293T cell line by EPOR monoclonal antibody (M02), clone 3F6.

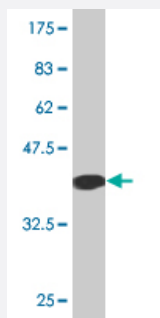
Lane 1: EPOR transfected lysate (Predicted MW: 55.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EPOR is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EPOR.
Immunogen	EPOR (NP_000112, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PDPKFESKAALLAARGPEELLCTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGA
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

EPOR monoclonal antibody (M02), clone 3F6. Western Blot analysis of EPOR expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EPOR expression in transfected 293T cell line by EPOR monoclonal antibody (M02), clone 3F6.

Lane 1: EPOR transfected lysate (Predicted MW: 55.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EPOR is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EPOR

Entrez GeneID [2057](#)

GeneBank Accession# [NM_000121](#)

Protein Accession# [NP_000112](#)

Gene Name EPOR

Gene Alias MGC138358

Gene Description erythropoietin receptor

Omim ID [133100](#) [133171](#)

Gene Ontology [Hyperlink](#)

Gene Summary The erythropoietin receptor is a member of the cytokine receptor family. Upon erythropoietin binding, the erythropoietin receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. [provided by RefSeq]

Other Designations -

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)
- [Polycythemia Vera](#)
- [Thrombocythemia](#)