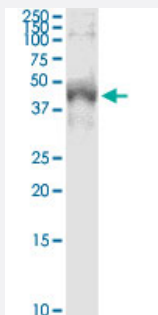


KLF4 monoclonal antibody (M02), clone X1

Catalog # H00009314-M02

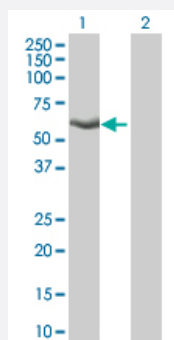
Size 100 ug

Applications



Western Blot (Tissue lysate)

KLF4 monoclonal antibody (M02), clone X1. Western Blot analysis of KLF4 expression in human colon.

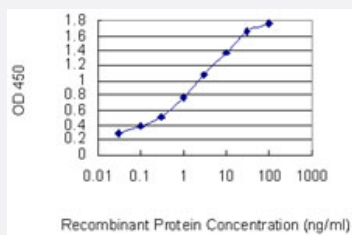


Western Blot (Transfected lysate)

Western Blot analysis of KLF4 expression in transfected 293T cell line by KLF4 monoclonal antibody (M02), clone X1.

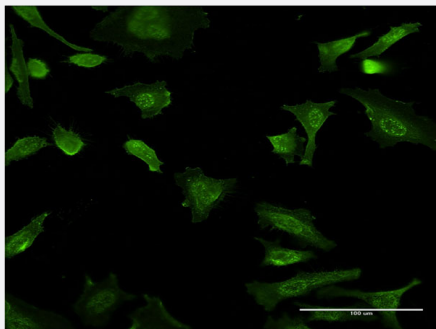
Lane 1: KLF4 transfected lysate(50.1 KDa).

Lane 2: Non-transfected lysate.



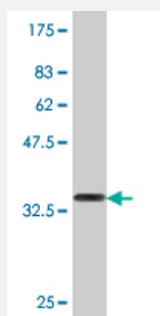
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLF4 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to KLF4 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KLF4.
Immunogen	KLF4 (AAH29923, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VLKASLSAPGSEYGPSVISVSKGSPDGSHPVVVAPYNGGPPRTCPKIKQEAVSSCTHLGAGPP LSNGHRPAAHDFPLGRQLPSRTTPTLGLEEVLSRD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 (Tissue lysate)

KLF4 monoclonal antibody (M02), clone X1. Western Blot analysis of KLF4 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of KLF4 expression in transfected 293T cell line by KLF4 monoclonal antibody (M02), clone X1.

Lane 1: KLF4 transfected lysate(50.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLF4 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to KLF4 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — KLF4

Entrez GeneID	9314
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GeneBank Accession#	BC029923
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Protein Accession#	AAH29923
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Gene Name	KLF4
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Gene Alias	EZF, GKLF
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Gene Description	Kruppel-like factor 4 (gut)
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Omim ID	602253
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Gene Ontology	Hyperlink
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Other Designations	OTTHUMP00000021862 endothelial Kruppel-like zinc finger protein
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Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)