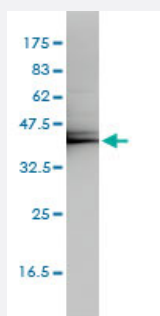


KLF7 monoclonal antibody (M01), clone 3E8-B8

Catalog # H00008609-M01

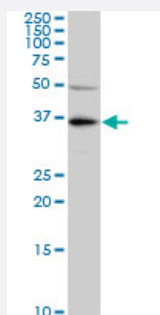
Size 100 ug

Applications



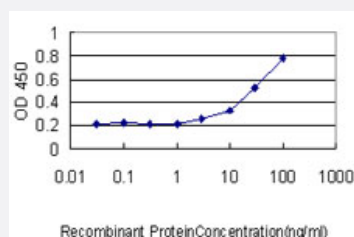
Western Blot (Cell lysate)

KLF7 monoclonal antibody (M01), clone 3E8-B8 Western Blot analysis of KLF7 expression in K-562 (Cat # L009V1).



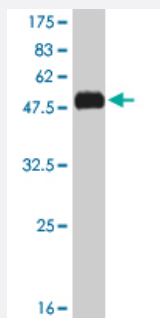
Western Blot (Cell lysate)

KLF7 monoclonal antibody (M01), clone 3E8-B8. Western Blot analysis of KLF7 expression in PC-12 (Cat # L012V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLF7 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (51.04 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant KLF7.
Immunogen	KLF7 (AAH12919, 1 a.a. ~ 230 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDVLASYIFQELQLVHDTGYFSALPSLEETWQQTCLELERYLQTEPRRISETFGEDLDCFLHASPPCIEESFRRLDPLLLPVEAAICEKSSAVDILLSRDKLLSETCLSLQPASSSLDSYTAVNQAQLNAV TSLTPSSPELSRHLVKTSQTL SAVDGT VTLKLVAKKAALSSVKVRSLISAHGRD VSGVLHEAMS SRGTTGNTQVQSPSNATTATGVFPGLTILPST
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.04 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)

KLF7 monoclonal antibody (M01), clone 3E8-B8 Western Blot analysis of KLF7 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

KLF7 monoclonal antibody (M01), clone 3E8-B8. Western Blot analysis of KLF7 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLF7 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KLF7

Entrez GeneID	8609
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GeneBank Accession#	BC012919
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Protein Accession#	AAH12919
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Gene Name	KLF7
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Gene Alias	UKLF
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Gene Description	Kruppel-like factor 7 (ubiquitous)
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Omim ID	604865
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Gene Ontology	Hyperlink
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Other Designations	ubiquitous Kruppel-like transcription factor
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Publication Reference

- [The KLF7/PFKL/ACADL axis modulates cardiac metabolic remodelling during cardiac hypertrophy in male mice.](#)

Cao Wang, Shupeiqiao, Yufang Zhao, Hui Tian, Wei Yan, Xiaolu Hou, Ruiqi Wang, Bosong Zhang, Chaofan Yang, Fuxing Zhu, Yanwen Jiao, Jiaming Jin, Yue Chen, Weiming Tian.

Nature Communications 2023 Feb; 14(1):959.

Application: WB-Ti, Mouse, Mouse heart

- [Transcription factor KLF7 regulates differentiation of neuroectodermal and mesodermal cell lineages.](#)

Caiazza M, Colucci-D'Amato L, Esposito MT, Parisi S, Stifani S, Ramirez F, di Porzio U.

Experimental Cell Research 2010 Aug; 316(14):2365.

Application: WB-Tr, Mouse, Rat, Embryonic stem cells, PC-12 cells

Disease

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