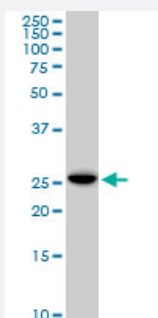


EFHD1 monoclonal antibody (M05), clone 1H7

Catalog # H00080303-M05

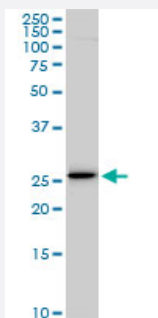
Size 100 ug

Applications



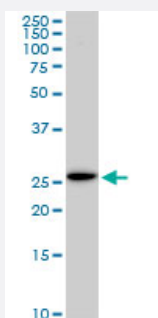
Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in Raw 264.7(Cat # L024V1).



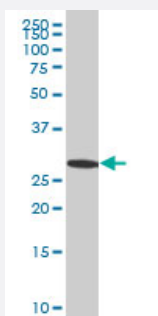
Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in PC-12(Cat # L012V1).



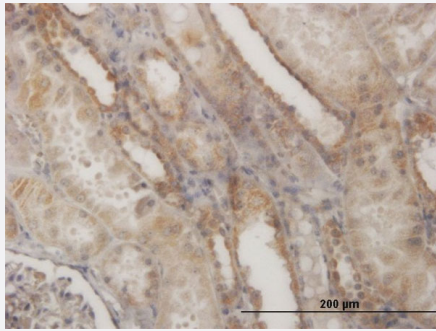
Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in NIH/3T3(Cat # L018V1).



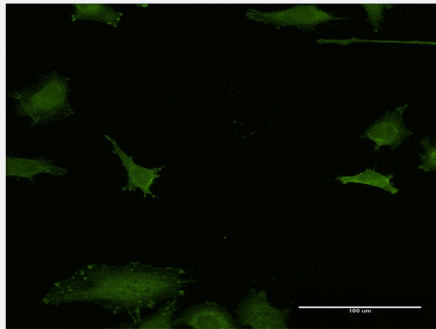
Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7 Western Blot analysis of EFHD1 expression in HeLa (Cat # L013V1).



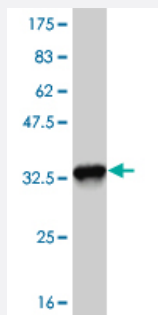
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to EFHD1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to EFHD1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (33.44 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant EFHD1.
Immunogen	EFHD1 (NP_079478.1, 168 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GLMALAKLSEIDVALEGVKGAKNFFFEAKVQALSSASKFEAEKAEQDERKREEEEERRLRQAAFQ KLKANFN
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (82); Rat (78)
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.44 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)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7. Western Blot analysis of EFHD1 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EFHD1 monoclonal antibody (M05), clone 1H7 Western Blot analysis of EFHD1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to EFHD1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to EFHD1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — EFHD1

Entrez GeneID [80303](#)**GeneBank Accession#** [NM_025202](#)**Protein Accession#** [NP_079478.1](#)**Gene Name** EFHD1**Gene Alias** DKFZp781H0842, FLJ13612, MST133, MSTP133, PP3051**Gene Description** EF-hand domain family, member D1**Omim ID** [611617](#)**Gene Ontology** [Hyperlink](#)**Gene Summary** EFHD1 is an EF-hand domain-containing protein that displays increased expression during neuronal differentiation (Tominaga and Tomooka, 2002 [PubMed 12270117]).[supplied by OMIM]**Other Designations** EF hand domain containing 1|EF hand domain family, member D1

Publication Reference

- [Distinct functional properties of murine perinatal and adult adipose progenitor subpopulations.](#)

Qianbin Zhang, Bo Shan, Lei Guo, Mengle Shao, Lavanya Vishvanath, George Elmquist, Lin Xu, Rana K Gupta.
Nature Metabolism 2022 Aug; 4(8):1055.

Application: IF, Mouse, Mouse epididymal white adipose tissue