10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EFHD1 Antibody (clone 1H7)

Mouse Monoclonal Antibody

Catalog # ALS15998

Specification

EFHD1 Antibody (clone 1H7) - Product Information

Application	**IF, WB**
Primary Accession	Q9BUP0
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**27kDa KDa**

EFHD1 Antibody (clone 1H7) - Additional Information

Gene ID 80303

Other Names
EF-hand domain-containing protein D1, EF-hand domain-containing protein 1, Swiprosin-2, EFHD1, SWS2

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
EFHD1 Antibody (clone 1H7) is for research use only and not for use in diagnostic or therapeutic procedures.

EFHD1 Antibody (clone 1H7) - Protein Information

Name EFHD1

Synonyms SWS2

Function
Acts as a calcium sensor for mitochondrial flash (mitoflash) activation, an event characterized by stochastic bursts of superoxide production (PubMed:26975899). May play a role in neuronal differentiation (By similarity).

Cellular Location
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9D4J1}

EFHD1 Antibody (clone 1H7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

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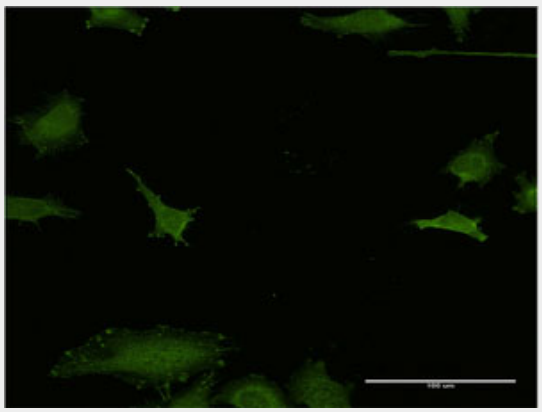
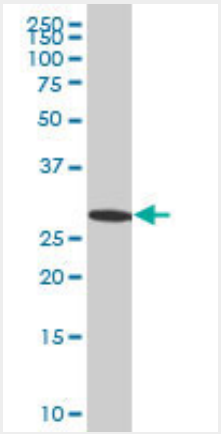
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

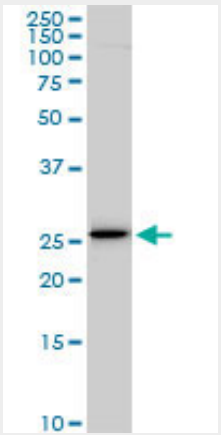
EFHD1 Antibody (clone 1H7) - Images



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



EFHD1 monoclonal antibody, clone 1H7 Western blot of EFHD1 expression in HeLa.



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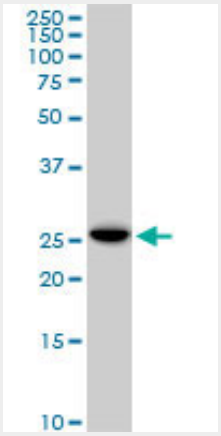
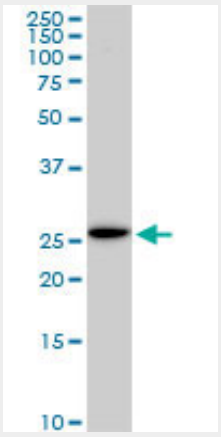
EFHD1 monoclonal antibody, clone 1H7. Western blot of EFHD1 expression in PC-12.



EFHD1 monoclonal antibody, clone 1H7. Western blot of EFHD1 expression in Raw 264.7.



EFHD1 monoclonal antibody, clone 1H7. Western blot of EFHD1 expression in NIH/3T3.

EFHD1 Antibody (clone 1H7) - References

Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).