Product Name: EFHD1 Mouse Monoclonal Antibody
Catalog #: AMM84967
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 27 kDa; Observed MW: 27 kDa

Antigen Information

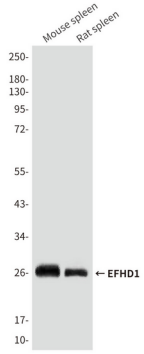
Gene Name	EFHD1
Alternative Names	EF-hand domain-containing protein D1; Mitocalcin; MGC103094; Swiprosin 2
Gene ID	80303.0
SwissProt ID	Q9BUP0
Immunogen	Synthetic Peptide of EFHD1

Background

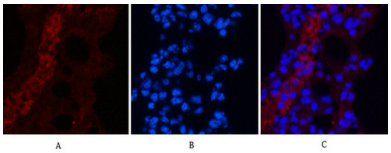
Acts as a calcium sensor for mitochondrial flash (mitoflash) activation, an event characterized by stochastic bursts of superoxide production (PubMed:26975899). May play a role in neuronal differentiation .

Research Area

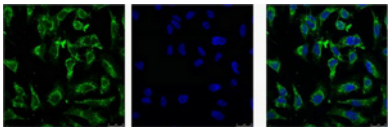
Image Data



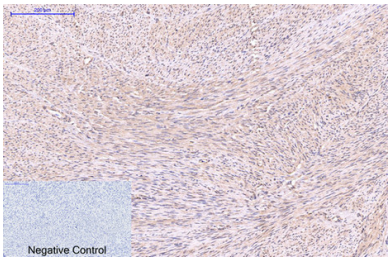
Western blot analysis of EFHD1 in mouse spleen, rat spleen tissue lysates using EFHD1 antibody.



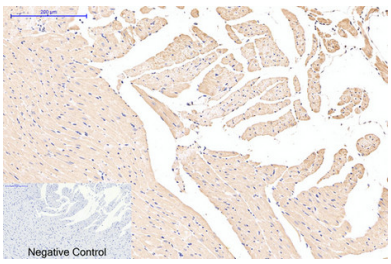
Immunofluorescence analysis of EFHD1 in mouse lung using EFHD1 antibody(3G2) (red),and DAPI (blue).



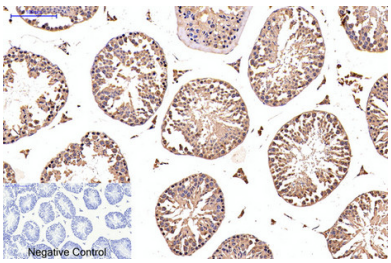
Immunofluorescence analysis of EFHD1 in Hela using EFHD1 antibody(Left) and DAPI (Right).



Immunohistochemistry analysis of paraffin-embedded Human uterus tissue using EFHD1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human tonsils using EFHD1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse testis tissue using EFHD1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.