



## **EFHD1 Monoclonal Antibody**

Glycerol.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2)  Observed Band 27kD  Cell Pathway Mitochondrion inner membrane .  Tissue Specificity Brain, Eye, Heart, Hippocampus, Lung, Normal aorta, Placenta,  Function similarity: Contains 2 EF-hand domains.  Background This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal coiled-coil domain. This protein has been shown to associate with the mitochondrial flash activation.		
Reactivity Applications WB Gene Name EFHD1 Protein Name EF-hand domain-containing protein D1 Immunogen Recombinant Protein of EF-hand domain-containing protein D1 Specificity The antibody detects endogenous EFHD1 proteins. Formulation PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2) Observed Band 27kD Cell Pathway Mitochondrion inner membrane . Tissue Specificity Brain,Eye,Heart,Hippocampus,Lung,Normal aorta,Placenta, Function Similarity:Contains 2 EF-hand domains., This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, protein has been shown to associate with the mitochondrial inner membrane, and in Hela cells, acts as a	Catalog No	BYmab-03008
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Protein Name EF-hand domain-containing protein D1  Immunogen Recombinant Protein of EF-hand domain-containing protein D1  Specificity The antibody detects endogenous EFHD1 proteins.  Formulation PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2)  Observed Band 27kD  Cell Pathway Mitochondrion inner membrane.  Tissue Specificity Brain, Eye, Heart, Hippocampus, Lung, Normal aorta, Placenta,  Function similarity: Contains 2 EF-hand domains.  Background This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal colled-coil domain. This protein has been shown to associate with the mitochondrial inner membrane, and in HeLa cells, acts as a novel mitochondrial flash activation.	Applications	WB
Immunogen         Recombinant Protein of EF-hand domain-containing protein D1           Specificity         The antibody detects endogenous EFHD1 proteins.           Formulation         PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2)           Observed Band         27kD           Cell Pathway         Mitochondrion inner membrane .           Tissue Specificity         Brain,Eye,Heart,Hippocampus,Lung,Normal aorta,Placenta,           Function         similarity:Contains 2 EF-hand domains.,           Background         This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal colled-coll domain. This protein has been shown to associate with the mitochondrial inner membrane, and in HeLa cells, acts as a novel mitochondr	Gene Name	EFHD1
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Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658







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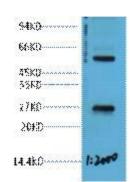
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using EFHD1 Monoclonal Antibody