

FH
Mouse Monoclonal Antibody (Mab)
Catalog # APA425

Specification

FH - Product Information

Application	IHC
Primary Accession	P07954
Host	Mouse
Clonality	Monoclonal
Calculated MW	54637 Da

FH - Additional Information

Gene ID	2271
Gene Name	FH {ECO:0000303 PubMed:27037871, ECO:0000312 HGNC:HGNC:3700}

Other Names

Fumarate hydratase, mitochondrial, Fumarase {ECO:0000303|PubMed:27037871, ECO:0000303|PubMed:3828494, ECO:0000303|Ref.2}, HsFH, 4.2.1.2, FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FH is for research use only and not for use in diagnostic or therapeutic procedures.

FH - Protein Information

Name FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}

Function

Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed:[30761759](#)). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).

Cellular Location
Tissue Location

[Isoform Mitochondrial]: Mitochondrion
Expressed in red blood cells;
underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

FH - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FH - Images