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

FH

Mouse Monoclonal antibody(Mab)
Catalog # AD80425

Product Information

Application	IHC-P
Primary Accession	P07954
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	673D5P0
Calculated MW	54637

Additional Information

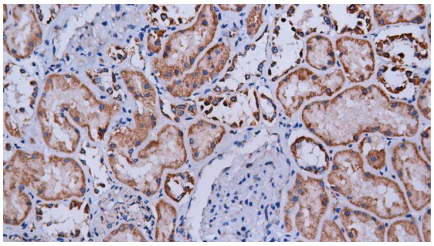
Gene ID	2271
Gene Name	FH
Other Names	Fumarate hydratase, mitochondrial, Fumarase {ECO:0000303|PubMed:27037871, ECO:0000303|PubMed:3828494, ECO:0000303|Ref.2}, HsFH, 4.2.1.2, FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	FH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human kindey tissue was performed



with FH primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.