

FH mouse mAb(7F1) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14566	Mouse	1 mg/ml	
Applications	WB,IHC,IF		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:3000 IF 1:200 IHC 1:50-300		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous FH proteins.		
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
Immunogen	Synthetic Peptide of FH		
Uniprot No	P07954		
Alternative names	Fumarate hydratase, mitochondrial (Fumarase) (EC 4.2.1.2)		
Form	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
Clonality	Monoclonal		
Isotype	IgG		
Conjugation			
Background	fumarate hydratase(FH) Homo sapiens The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy. [provided by RefSeq, Jul 2008],		
Other	FH, Fumarate hydratase, mitochondrial		

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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