
Product Name: FH Mouse Monoclonal Antibody**Catalog #: AMM85073**

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: 55 kDa; Observed MW: 50 kDa

Antigen Information

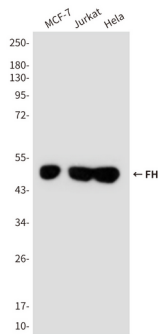
Gene Name	FH
Alternative Names	Fumarate hydratase; mitochondrial; Fumarase
Gene ID	2271.0
SwissProt ID	P07954
Immunogen	Synthetic Peptide of FH

Background

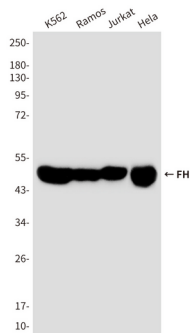
Also acts as a tumor suppressor. Miscellaneous There are 2 substrate-binding sites: the catalytic A site, and the non-catalytic B site that may play a role in the transfer of substrate or product between the active site and the solvent. Alternatively, the B site may bind allosteric effectors .

Research Area

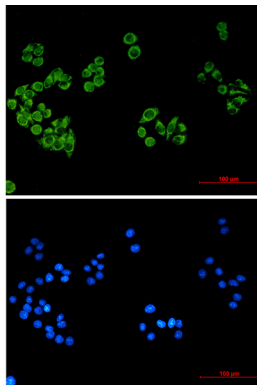
Image Data



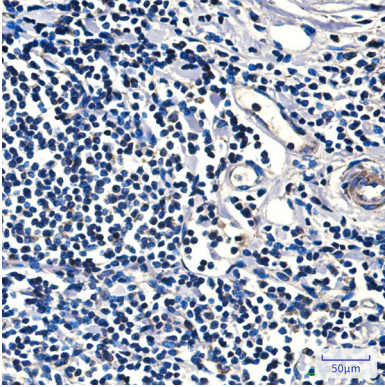
Western blot analysis of Fumarase in MCF-7, Jurkat and HeLa lysates using Fumarase antibody.



Western blot analysis of FH in K562, Ramos, Jurkat, HeLa lysates using Fumarase antibody.



Immunocytochemistry analysis of FH/Fumarase (green) in HeLa using FH/Fumarase antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using FH/Fumarase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.