

Product Name: FH (9B1) Mouse Monoclonal Antibody
Catalog #: AMM03694



Summary

Production Name	FH (9B1) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	FH
Alternative Names	Fumarate hydratase; mitochondrial; Fumarase
Gene ID	2271
SwissProt ID	P07954

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 55 kDa; Observed MW: 50 kDa

Background

Also acts as a tumor suppressor. Miscellaneous There are 2 substrate-binding sites: the catalytic A site, and the non-catalytic

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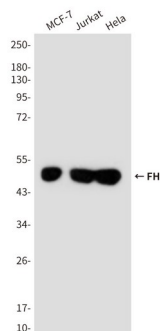


B site that may play a role in the transfer of substrate or product between the active site and the solvent. Alternatively, the B site may bind allosteric effectors .

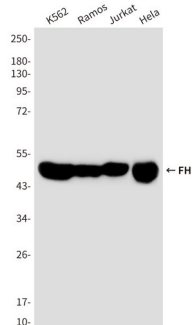
Research Area

Signal Transduction

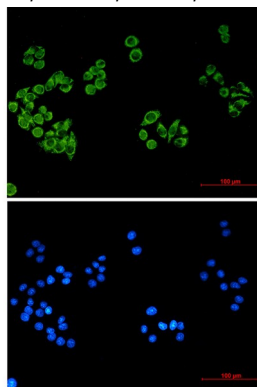
Image Data



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

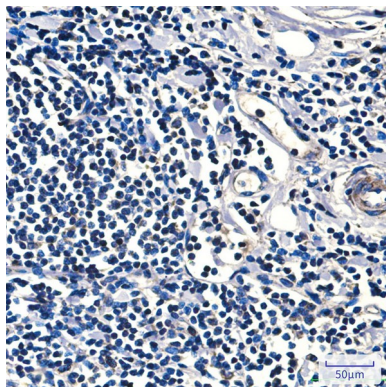


Western blot analysis of FH (9B1) in K562, Ramos, Jurkat, Hela lysates using Fumarase (9B1) antibody.



Immunocytochemistry analysis of FH/Fumarase (9B1) (green) in Hela using FH/Fumarase (9B1) antibody ,and DAPI(blue)

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Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using FH/Fumarase (9B1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.