

**Product Name: FH (2A3) Mouse Monoclonal Antibody**  
**Catalog #: AMM03696**



## Summary

<b>Production Name</b>	FH (2A3) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

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

## Immunogen

<b>Gene Name</b>	FH
<b>Alternative Names</b>	Fumarate hydratase; mitochondrial; Fumarase
<b>Gene ID</b>	2271
<b>SwissProt ID</b>	P07954

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IF: 1/50-1/200
<b>Molecular Weight</b>	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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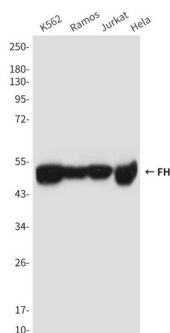


B site that may play a role in the transfer of substrate or product between the active site and the solvent. Alternatively, the B site may bind allosteric effectors .

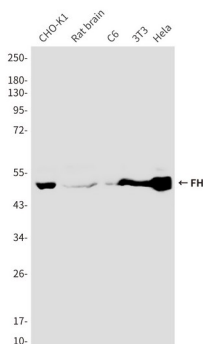
## Research Area

Signal Transduction

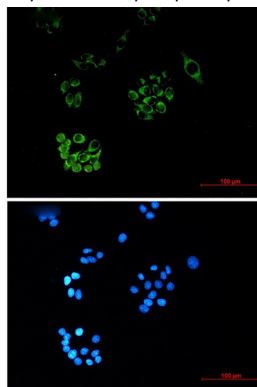
## Image Data



Western blot analysis of Fumarase in K562, Ramos, Jurkat, HeLa lysates using Fumarase (2A3) antibody.



Western blot analysis of FH (2A3) in CHO-K1, rat brain, C6, 3T3, HeLa lysates using Fumarase (2A3) antibody.



Immunocytochemistry analysis of FH/Fumarase (2A3) (green) in HeLa using FH/Fumarase (2A3) antibody ,and DAPI(blue)

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**Note**

For research use only.