

For Research Use Only

FH Monoclonal antibody

Catalog Number: 68162-1-Ig



Basic Information

Catalog Number:

68162-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG30254

GenBank Accession Number:

BC003108

GeneID (NCBI):

2271

UNIPROT ID:

P07954

Full Name:

fumarate hydratase

Calculated MW:

510 aa, 55 kDa

Observed MW:

45-50 kDa

Purification Method:

Protein A purification

CloneNo.:

1A9C8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat, Rabbit, Pig

Positive Controls:

WB : A431 cells, LNCaP cells, HepG2 cells, HEK-293 cells, Jurkat cells, pig brain tissue, rabbit brain tissue, rat brain tissue, mouse brain tissue

Background Information

Fumarate hydratase, or fumarase, is an enzymatic component of the tricarboxylic acid cycle, catalyzing the conversion of fumarate to malate. It belongs to the class-II fumarase/aspartase family. This protein has 2 isoforms produced by alternative initiation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

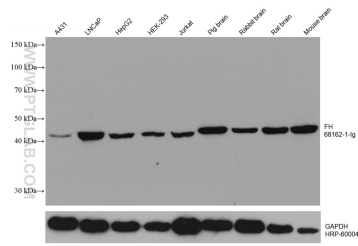
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68162-1-Ig (FH antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.