

For Research Use Only

FH Monoclonal antibody, PBS Only

Catalog Number: 68162-1-PBS



Basic Information

Catalog Number: 68162-1-PBS	GenBank Accession Number: BC003108	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2271	CloneNo.: 1A9C8
Source: Mouse	UNIPROT ID: P07954	
Isotype: IgG2b	Full Name: fumarate hydratase	
Immunogen Catalog Number: AG30254	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Rabbit, Pig

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 -80°C.

Storage Buffer:
PBS Only

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

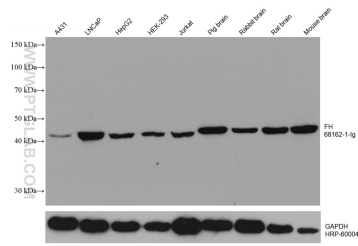
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Selected Validation Data



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. This data was developed using the same antibody clone with 68162-1-PBS in a different storage buffer formulation.