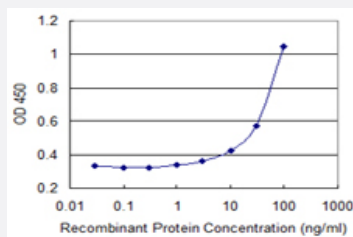


ATP8B1 monoclonal antibody (M02), clone 3F10

Catalog # H00005205-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATP8B1 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATP8B1.
Immunogen	ATP8B1 (NP_005594.1, 471 a.a. ~ 551 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	INGQIYGDHRDASQHNHNKIEQVDFSWNTYADGKLAFYDHYLIEQIQSGKEPEVRQFFLLAVCHTV MVDRTDGQLNYQAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATP8B1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ATP8B1

Entrez GeneID [5205](#)

GeneBank Accession# [NM_005603](#)

Protein Accession# [NP_005594.1](#)

Gene Name ATP8B1

Gene Alias ATPIC, BRIC, FIC1, PFIC, PFIC1

Gene Description ATPase, class I, type 8B, member 1

Omim ID [211600 243300 602397](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the P-type cation transport ATPase family, which belongs to the subfamily of aminophospholipid-transporting ATPases. The aminophospholipid translocases transport phosphatidylserine and phosphatidylethanolamine from one side of a bilayer to another. Mutations in this gene may result in progressive familial intrahepatic cholestasis type 1 and in benign recurrent intrahepatic cholestasis. [provided by RefSeq]

Other Designations E1-E2 ATPase|OTTHUMP00000163615|phospholipid-transporting ATPase IC

Disease

- [Cholestasis](#)
- [Pregnancy Complications](#)