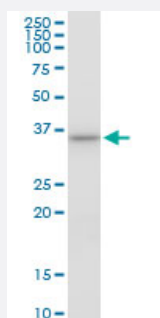


AIP monoclonal antibody (M02), clone 3D3

Catalog # H00009049-M02

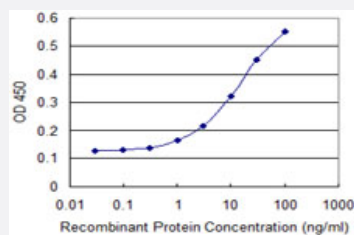
Size 100 ug

Applications



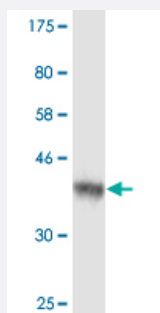
Western Blot (Cell lysate)

AIP monoclonal antibody (M02), clone 3D3. Western Blot analysis of AIP expression in HepG2(Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AIP is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.08 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant AIP.

Immunogen	AIP (NP_003968.1, 156 a.a. ~ 249 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYREGHVKEAAKYYDAIACLKNLQMKEQPG SPEWQLDKQITPLLLNYCQCKLVVEEYYE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.08 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

AIP monoclonal antibody (M02), clone 3D3. Western Blot analysis of AIP expression in HepG2(Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AIP is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — AIP

Entrez GeneID

[9049](#)

GeneBank Accession#	NM_003977
Protein Accession#	NP_003968.1
Gene Name	AIP
Gene Alias	ARA9, FKBP16, FKBP37, SMTPHN, XAP2
Gene Description	aryl hydrocarbon receptor interacting protein
Omim ID	102200 605555
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus. [provided by RefSeq]
Other Designations	HBV-X associated protein aryl hydrocarbon receptor-interacting protein

Disease

- [Acromegaly](#)
- [Adenoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Growth Hormone-Secreting Pituitary Adenoma](#)
- [Hyperparathyroidism](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Parathyroid Neoplasms](#)

- [Pituitary Neoplasms](#)
- [Prolactinoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Thyroid Neoplasms](#)