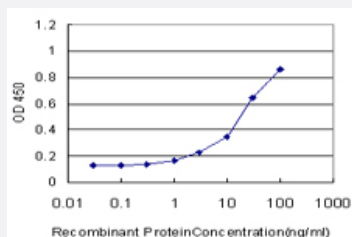


ASPA monoclonal antibody (M09), clone 3C11

Catalog # H00000443-M09

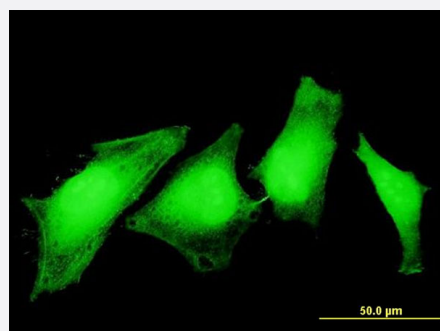
Size 100 ug

Applications



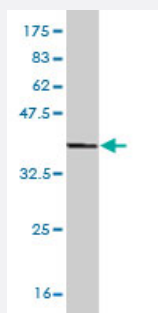
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to ASPA on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ASPA.

Immunogen	ASPA (NP_000040, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTSCHIAEEHIQKVAIFGGTHGNETGVFLVKHWLENGAEIQRTGLEVKPFITNPRAVKKCTRYIDC DLNRIFDLENLGKKMSEDLPYEVRRAQEINHLF
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ASPA on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ASPA

Entrez GeneID	443
GeneBank Accession#	NM_000049
Protein Accession#	NP_000040
Gene Name	ASPA

Gene Alias	ACY2, ASP
Gene Description	aspartoacylase (Canavan disease)
Omim ID	271900 608034
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	aminoacylase 2 aspartoacylase

Pathway

- [Alanine](#)
- [Histidine metabolism](#)

Disease

- [Canavan Disease](#)
- [Cystic fibrosis](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)