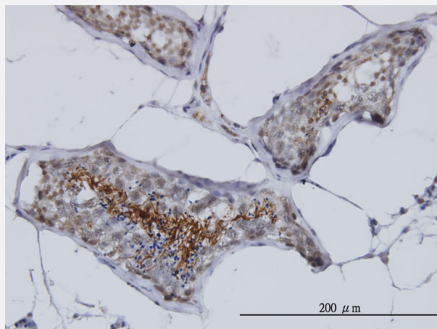


AKAP4 monoclonal antibody (M02), clone 4C10

Catalog # H00008852-M02

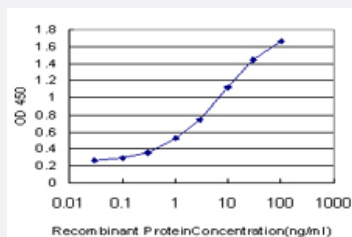
Size 100 ug

Applications



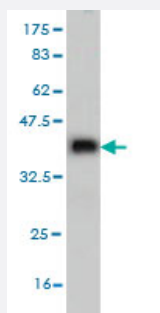
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AKAP4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AKAP4 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant AKAP4.

Immunogen	AKAP4 (NP_003877, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMAYSDTTMMSDDIDWLRSHRGVCKVDLYNPEGQQDQDRKVICFVDVSTLNVEDKDYKDAASS SSEGNLNLGSLEEKEIVIKDTEKKDQSKTEGSVCLF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Isotype	IgG2a 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](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AKAP4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AKAP4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — AKAP4

Entrez GeneID

[8852](#)

GeneBank Accession#	NM_003886
Protein Accession#	NP_003877
Gene Name	AKAP4
Gene Alias	AKAP82, FSC1, HI, hAKAP82, p82
Gene Description	A kinase (PRKA) anchor protein 4
Omim ID	300185
Gene Ontology	Hyperlink
Gene Summary	<p>The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]</p>
Other Designations	A-kinase anchor protein 4 A-kinase anchor protein 82 kDa OTTHUMP00000023288 OTTHUMP0000023289 protein kinase A anchoring protein 4 testis-specific gene HI