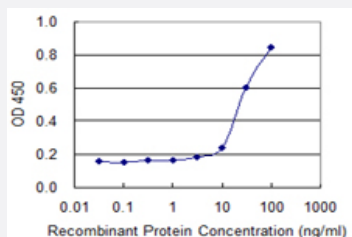


SPAG4 monoclonal antibody (M04), clone 3C8

Catalog # H00006676-M04

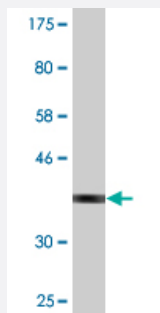
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SPAG4 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SPAG4.

Immunogen

SPAG4 (NP_003107, 221 a.a. ~ 330 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

AELDKLHKEVSTVRAANSERVAKLVFQRLNEDFVRKPDYALSSVGASIDLQKTSHDYADRNTAYF
WNRFSFWNYARPPTVILEPHVFPGNCWAFEGDQGQVVIQLPGRVQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (88); Rat (88)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 SPAG4 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SPAG4

Entrez GeneID	6676
GeneBank Accession#	NM_003116
Protein Accession#	NP_003107
Gene Name	SPAG4
Gene Alias	-
Gene Description	sperm associated antigen 4
Omim ID	603038
Gene Ontology	Hyperlink

Gene Summary

The mammalian sperm flagellum contains two cytoskeletal structures associated with the axoneme: the outer dense fibers surrounding the axoneme in the midpiece and principal piece and the fibrous sheath surrounding the outer dense fibers in the principal piece of the tail. Defects in these structures are associated with abnormal tail morphology, reduced sperm motility, and infertility. In the rat, the protein encoded by this gene associates with an outer dense fiber protein via a leucine zipper motif and localizes to the microtubules of the manchette and axoneme during sperm tail development. [provided by RefSeq]

Other Designations

OTTHUMP00000030768|acrosomal protein ACR55|outer dense fiber-associated protein SPAG4|sperm tail protein