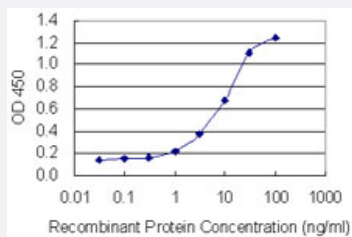


OVGP1 monoclonal antibody (M02), clone 3F9

Catalog # H00005016-M02

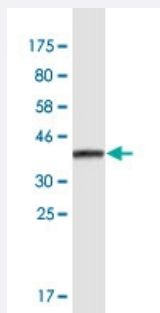
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged OVGP1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant OVGP1.
Immunogen	OVGP1 (NP_002548.3, 579 a.a. ~ 677 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RNISVTPEGQTMPLRGENTSEVGTHPRMGNLGLQMEAENRMMMLSSSPVIQLPEQTPLAFDNRF VPIYGNHSSVNSVTPQTSPLSLKKEIPENSAVDEE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (40)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 OVGP1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — OVGP1

Entrez GeneID	5016
GeneBank Accession#	NM_002557
Protein Accession#	NP_002548.3
Gene Name	OVGP1
Gene Alias	CHIT5, EGP, MUC9, OGP
Gene Description	oviductal glycoprotein 1, 120kDa
Omim ID	603578
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a large, carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites located within threonine, serine, and proline-rich tandem repeats. The gene is similar to members of the mucin and the glycosyl hydrolase 18 gene families. Regulation of expression may be estrogen-dependent. Gene expression and protein secretion occur during late follicular development through early cleavage-stage embryonic development. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. [provided by RefSeq]

Other Designations

OTTHUMP00000013471|estrogen-dependent oviduct protein|mucin 9|oviduct glycoprotein|oviduct-specific glycoprotein|oviductal glycoprotein 1|oviductin