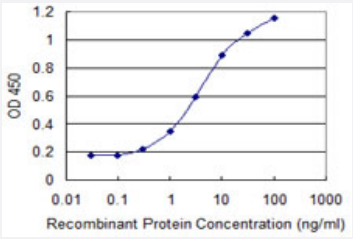
PHF7 monoclonal antibody (M10), clone 1E9

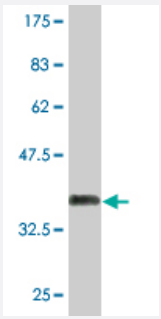
Catalog # H00051533-M10 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHF7 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PHF7.
Immunogen	PHF7 (NP_057567.3, 258 a.a. ~ 357 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GRDSFEDEGRWCLILCATCGSHGTHRDCSSLRSNSKKWECEECSPAAATDYIPENSGDIPCCSSTFHPEEHFCRDNTLEENPGLSWTDWPEPSLLEKPES
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (88); Rat (77)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 PHF7 is 0.1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — PHF7

Entrez GeneID	51533
GeneBank Accession#	NM_016483
Protein Accession#	NP_057567.3
Gene Name	PHF7
Gene Alias	DKFZp434L1850, HSPC045, HSPC226, MGC26088, NYD-SP6
Gene Description	PHD finger protein 7
Gene Ontology	Hyperlink

Gene Summary	Spermatogenesis is a complex process regulated by extracellular and intracellular factors as well as cellular interactions among interstitial cells of the testis, Sertoli cells, and germ cells. In the testis, this gene is expressed in Sertoli cells but not germ cells. However, this gene is not expressed in a patient who exhibited spermatogenic arrest at the spermatocyte stage. Spermatogenic arrest is an interruption of germ cell differentiation that may result in oligospermia or azoospermia. The proteins encoded by this gene contain plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. Thus this protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis. Two protein isoforms are encoded by transcript variants of this gene. [provided by RefSeq
Other Designations	-