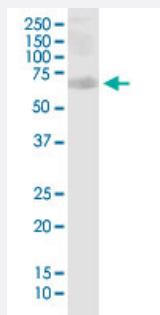


PHF1 monoclonal antibody (M04), clone 2G7

Catalog # H00005252-M04

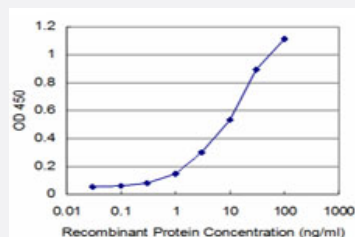
Size 100 ug

Applications



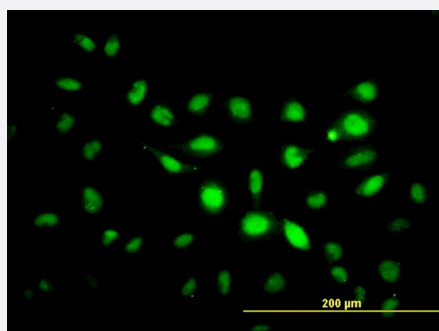
Western Blot (Cell lysate)

PHF1 monoclonal antibody (M04), clone 2G7. Western Blot analysis of PHF1 expression in Jurkat.



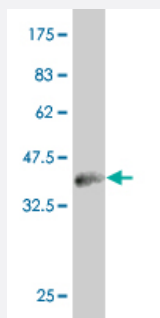
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHF1 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PHF1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PHF1.
Immunogen	PHF1 (NP_077084, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AQPPRLSRSGASSLWDPASPAPTS GPRPRLWEGQDVLARWTDGLLYLGTIKKVDSAREVCLVQ FEDDSQFLVLWKDISPAALPGEELLCCVCRSETVVP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG1 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 (Cell lysate)

PHF1 monoclonal antibody (M04), clone 2G7. Western Blot analysis of PHF1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHF1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PHF1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PHF1

Entrez GeneID [5252](#)

GeneBank Accession# [NM_024165](#)

Protein Accession# [NP_077084](#)

Gene Name PHF1

Gene Alias MTF2L2, PCL1, PHF2

Gene Description PHD finger protein 1

Omim ID [602881](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000029139|OTTHUMP00000029140

Disease

- [Alzheimer disease](#)

- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Neuroblastoma](#)