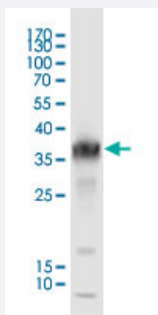


PHF1 monoclonal antibody (M04A), clone 2G7

Catalog # H00005252-M04A

Size 200 uL

Applications



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 ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

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](#)