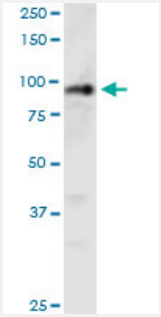
PHC1 monoclonal antibody (M05), clone 3G1

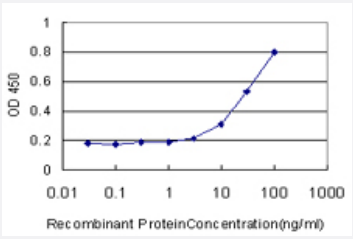
Catalog # H00001911-M05 Size 100 ug

Applications



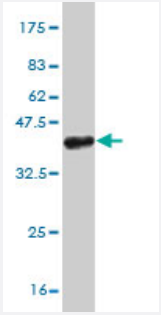
Western Blot (Cell lysate)

PHC1 monoclonal antibody (M05), clone 3G1. Western Blot analysis of PHC1 expression in MCF-7.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHC1 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PHC1.

Immunogen	PHC1 (NP_004417, 751 a.a. ~ 851 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PVGCSQLLKESEKPLQTGLPTGLTENQSGGPLGVDSPSAELDKKANLLKCEYCGKYAPAEQFRGSKRFCSMTCAKRYNVSCSHQFRLKRKKMKEFQEANY*
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 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)

  PHC1 monoclonal antibody (M05), clone 3G1. Western Blot analysis of PHC1 expression in MCF-7.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged PHC1 is approximately 3ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — PHC1

Entrez GeneID	1911
GeneBank Accession#	NM_004426
Protein Accession#	NP_004417

Gene Name	PHC1
Gene Alias	EDR1, HPH1, RAE28
Gene Description	polyhomeotic homolog 1 (Drosophila)
Omim ID	602978
Gene Ontology	Hyperlink
Gene Summary	This gene is a homolog of the Drosophila polyhomeotic gene, which is a member of the Polycomb group of genes. The gene product is a component of a multimeric protein complex that contains EDR2 and the vertebrate Polycomb protein BMH1. The gene product, the EDR2 protein, and the Drosophila polyhomeotic protein share 2 highly conserved domains, named homology domains I and II. These domains are involved in protein-protein interactions and may mediate heterodimerization of the protein encoded by this gene and the EDR2 protein. [provided by RefSeq
Other Designations	Rae28-like|early development regulator 1 (homolog of polyhomeotic 1)|polyhomeotic 1-like|polyhomeotic-like 1

Publication Reference

- Cardiogenol C can induce Mouse Hair Bulge Progenitor Cells to Transdifferentiate into Cardiomyocyte-like Cells.

  Yau WW, Tang MK, Chen E, Yao Y, Wong IW, Lee HS, Lee KK.

  Proteome Science 2011 Jan; 9(1):3.

  Application: WB-Ce, Mouse, Mouse hair bulge progenitor cells