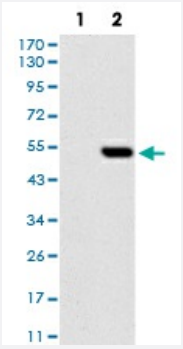
PHC1 monoclonal antibody, clone 1F3F3

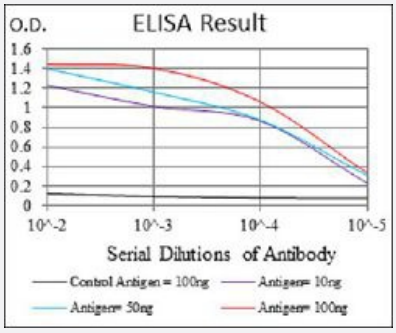
Catalog # MAB17816 Size 100 ug

Applications



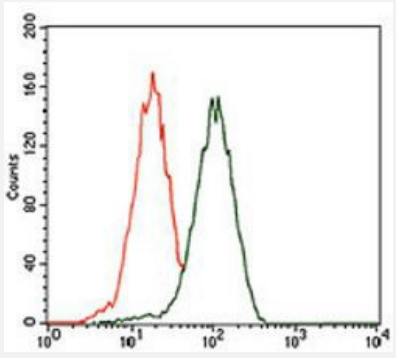
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) PHC1-hIgGFc transfected HEK293 cell lysate with PHC1 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of PHC1 monoclonal antibody, clone 1F3F3.



Flow Cytometry

Flow cytometric analysis of HEK293 cells with PHC1 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human PHC1.

Immunogen	Recombinant protein corresponding to amino acids 758-1004 of human PHC1 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	105.5
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) PHC1-hIgGFc transfected HEK293 cell lysate with PHC1 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of PHC1 monoclonal antibody, clone 1F3F3.

- Flow Cytometry

  Flow cytometric analysis of HEK293 cells with PHC1 monoclonal antibody (green) and negative control (red).

Gene Info — PHC1

Entrez GeneID	1911
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