



Mouse anti-Human PHC2 monoclonal antibody, clone 2G5 (CABT-B9499)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	PHC2 (NP_004418.2, 91 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2G5
Purification	Protein A
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	In <i>Drosophila melanogaster</i> , the Polycomb group (PcG) of genes are part of a cellular memory
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system that is responsible for the stable inheritance of gene activity. Pcg proteins form a large multimeric, chromatin-associated protein complex. The protein encoded by this gene has homology to the *Drosophila* Pcg protein polyhomeotic (Ph) and is known to heterodimerize with EDR1 and colocalize with BMI1 in interphase nuclei of human cells. The specific function in human cells has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Keywords	PHC2; polyhomeotic homolog 2 (<i>Drosophila</i>); PH2; EDR2; HPH2; polyhomeotic-like protein 2; polyhomeotic 2; polyhomeotic-like 2; early development regulatory protein 2; early development regulator 2 (homolog of polyhomeotic 2);
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GENE INFORMATION

Entrez Gene ID [1912](#)

UniProt ID [Q8IXK0](#)