



# 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

<b>Immunogen</b>	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.
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2G5
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction** In *Drosophila melanogaster*, the Polycomb group (PcG) of genes are part of a cellular memory

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]

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**Keywords**

PHC2; polyhomeotic homolog 2 (Drosophila); 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](#)

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**UniProt ID**

[Q8IXK0](#)

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