



# Mouse anti-Human CALM2 monoclonal antibody, clone 4G5H6 (CABT-B9887)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CALM2 (AAH03354, 1 a.a. ~ 150 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4G5H6
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, sELISA, ELISA
<b>Sequence Similarities</b>	MADQLTEEQIAEFKEAFSLFDKDGDTITKELGTVMRSLGQNPTAEELQDMINEVDADG NGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKGNGYISAAELRHVMTNLGEKLTDE EVDEMIREADIDGDGQVNYEEFVQMMTAK*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	Calmodulin 2 is a protein that in humans is encoded by the CALM2 gene. Mouse monoclonal
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antibody raised against a full length recombinant CALM2.

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<b>Keywords</b>	CALM2; calmodulin 2 (phosphorylase kinase, delta); PHKD; CAMII; PHKD2; calmodulin; caM; LP7057 protein; prepro-calmodulin 2; phosphorylase kinase delta;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">805</a>
<b>UniProt ID</b>	<a href="#">P62158</a>
<b>Pathway</b>	Activation of Ca-permeable Kainate Receptor, organism-specific biosystem; Activation of CaMK IV, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Alzheimer's disease, organism-specific biosystem; Alzheimer's disease, conserved biosystem

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