

## Datasheet

### PHKG1 monoclonal antibody (M02), clone 2B4

**Catalog Number:** H00005260-M02

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant PHKG1.

**Clone Name:** 2B4

**Immunogen:** PHKG1 (AAH51327, 1 a.a. ~ 387 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MTRDEALPDSHSAQDFYENYEPKEILGRGVSSVVRRC  
IHKPTSQEYAVKVIDVTGGGSFSPEEVRELREATLKEV  
DILRKVSGHPNIIQLKDTYETNTFFFLVFDLMKRGELFD  
YLTEKVTLSEKETRKIMRALLEVICTLHKLNIVHRDLKPE  
NILLDDNMNIKLTDFGFSCQLEPGERLREVCGTPSYLA  
PEIIIECSMNEDHPGYGKEVDMWSTGVIMYTLLAGSPP  
FWHRKQMLMLRMIMSGNYQFGSPEWDDYSDTVKDL  
VSRFLVVQPQNRYTAEALAHPPFQQYLVEEVRHFSP  
RGKFKVIALTVLASVRIYYQYRRVKPVTREIVIRDPYAL  
RPLRRLIDAYAFRIYGHVVKKGQQQNRAALFENTPKA  
VLLSLAEEDY

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5260

**Gene Symbol:** PHKG1

**Gene Alias:** PHKG

**Gene Summary:** This gene is a member of the Ser/Thr protein kinase family and encodes a protein with one protein kinase domain and two calmodulin-binding domains. This protein is the catalytic member of a 16 subunit protein kinase complex which contains equimolar ratios of 4 subunit types. The complex is a crucial glycogenolytic regulatory enzyme. This gene has two pseudogenes at chromosome 7q11.21 and one at chromosome 11p11.12. [provided by RefSeq]