

## Datasheet

### **AKT2 monoclonal antibody (M02), clone 1B4**

**Catalog Number:** H00000208-M02

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant AKT2.

**Clone Name:** 1B4

**Immunogen:** AKT2 (AAA58364, 100 a.a. ~ 189 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MRAIQMVANSLKQRAPGEDPMDYKCGSPSDSSTTEE  
MEVAVSKARAKVTMNDFDYLLGKGTFGKVLVREK  
ATGRYYAMKILRKEVII

**Host:** Mouse

**Reactivity:** Human, Mouse, Rat

**Applications:** ELISA, S-ELISA, WB-Ce, 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:** IgG1 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:** 208

**Gene Symbol:** AKT2

**Gene Alias:** PKBB, PKBBETA, PRKBB, RAC-BETA

**Gene Summary:** This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. The gene was shown to be

amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins. [provided by RefSeq]