



## PRODUCT DATA SHEET

**Product:** Anti-Phospho-Crosstide pAb

**Cat. No.:** PC-500 (100 µg)

**Background:**

Crosstide (PRAATF) is a substrate of PKB (AKT) and the SGK kinase family. Affinity purified rabbit polyclonal antibody anti-pCrosstide is developed with phosphorylated Crosstide (PRAApTF) and absorbed with non-phosphorylated Crosstide (PRAATF). The antibody has been utilized for non-radioactive PKB and SGK kinase assay.

**Specificity:**

Recognizes only the phosphorylated Crosstide, the product of SGK, PKB, in a non-radioactive kinase assay. Does not cross-react with the non-phosphorylated Crosstide.

**Species Reactivity:**

Not species specific.

**Immunogen:**

Phospho-Crosstide (PRAApTF)-KLH.

**Host:**

Rabbit

**Format:**

Antibody purified with PRAApTF on agarose followed by affinity absorption with non-phosphorylated Crosstide. 100 µg of affinity purified antibody at 250 µg/mL in PBS, pH 7, with 50% glycerol and 0.01% sodium azide.

**Storage:**

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

**Application and Suggested Dilution:**

- Western blot: Use at 0.5 µg/mL
- ELISA: Use at 0.25 µg/mL
- Non-radioactive AKT and SGK kinase assays

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.