



## PRODUCT DATA SHEET

**Product:** Anti-Plakophilin 2 (PKP2) pAb

**Cat. No.:** PC-2049 (200 µL)

**Species Reactivity:**

Human, mouse and guinea pig. Other species not known.

**Ig Isotype:**

Rabbit IgG

**Immunogen:**

Recombinant PKP2 (Asp571~Ala849) expressed in *E. coli*.

**Format:**

500 µg/mL of polyclonal antibody in PBS, pH 7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol. Purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

**Storage:**

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years without detectable loss of activity. Avoid repeated freeze-thaw cycles.

**Applications and Suggested Dilutions:**

- Western blot: Use at 0.2 - 2 µg/mL.
- Immunohistochemistry: Use at 5 - 20 µg/mL.
- Immunocytochemistry: Use at 5 - 20 µg/mL.

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.