

For research use only. Do not use in diagnostic or therapeutic procedures.

Research Product

## PRODUCT DATA SHEET

Code: 274626425

### Anti Phosphatidylinositol 4,5-bisphosphate (PIP<sub>2</sub>) MAb

**Clone:** KT10

**Class:** IgG2b

**Immunogen:** Liposomes containing PIP<sub>2</sub>

**Specificity:** This antibody bound to PIP<sub>2</sub> very specifically. On ELISA it had little affinity for PIP, PI, IP<sub>3</sub> or other lipids. On TLC immunostaining, it reacted only with PIP<sub>2</sub>, even when rat brain total lipids were used as antigens. On western blotting and dot-blotting, it did not react with any proteins or nucleic acids adsorbed on the nitrocellulose filters.

**Application:** ELISA, TLC immunostaining, Western blotting, dot-blotting.

**Supplied volume:** 0.1 mL

**Concentration:** 2.0 mg/mL

**Buffer:** Phosphate buffered saline (PBS), pH 7.4

**Purification:** Protein A Chromatography

**Storage:** below -20°C *“Avoid freeze-thaw cycles”*

**References:** Proc. Natl. Acad. Sci. USA, vol.85, p9057-61, 1988.  
Science, vol.239, p640-3, 1988.

Manufactured by **Alfresa Pharma Corporation**  
2-2-9 Koku-machi, Chuo-ku, Osaka 540-8575, Japan

Distributed by **FUNAKOSHI CO, LTD**  
9-7 HONGO2-CHOME, BUNKYO-KU, TOKYO 113-0033, JAPAN  
TEL 03-5684-1620 FAX 03-5684-1775 E-mail reagent@funakoshi.co.jp