

# Anti-PITPb [1C1]

**Catalogue number:** 151820

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Shamshad Cockcroft

**Institute:** University College London (UCL)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-PITPb [1C1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Mammalian PITP (phosphatidylinositol transfer protein) is a 272-amino-acid polypeptide capable of transferring PtdIns, PtdCho and SM (sphingomyelin) between membrane bilayers. Ablation of PITP is embryonically lethal. This antibody is specific for both splice variants of PITP but does not recognise PITPa despite the 95% similarity between the two.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG

**Reactivity:** Human ; Mouse ; Rat ; Dog

**Selectivity:**

**Host:** Mouse

**Immunogen:** Whole Rat PITPb protein

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Rat PITPb

**Target alternate names:**

**Target background:** Mammalian PITPb (phosphatidylinositol transfer protein b) is a 272-amino-acid polypeptide capable of transferring PtdIns, PtdCho and SM (sphingomyelin) between membrane bilayers. Ablation of PITPb is embryonically lethal. This antibody is specific for both splice variants of PITPb but does not recognise PITPa despite the 95% similarity between the two.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IF ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** RPMI 1640 + 10% FCS + 2mM L-glutamine + penicillin/streptomycin

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Carvou et al. 2010. J Cell Sci. 123:1262-73. PMID: 20332109

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