

Recombinant

DGRmAb®

## INPP4B (DGR12928) Rabbit mAb

db11171

Package : 10µL 20µL 50µL 100µL

**Product Name :** INPP4B (DGR12928) Rabbit mAb**Cat.No.:** db11171**Synonyms :** Inositol polyphosphate 4-phosphatase type II**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit**Background**

INPP4B encodes the inositol polyphosphate 4-phosphatase type II, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 4 of the inositol ring from inositol 3,4-bisphosphate. There is limited data to suggest that the human type II enzyme is subject to alternative splicing, as has been established for the type I enzyme. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human INPP4B

**Gene ID**

8821

**Swiss Prot**

O15327

**Synonyms**

Inositol polyphosphate 4-phosphatase type II

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50

ICC/IF: 1:50

FC: 1:100

**Calculated MW**

105 kDa

**Observed MW**

105 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

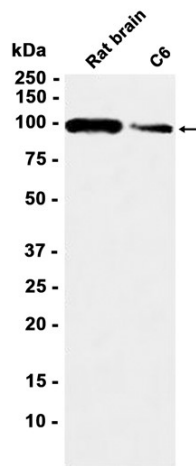
DGR12928

**Isotype**

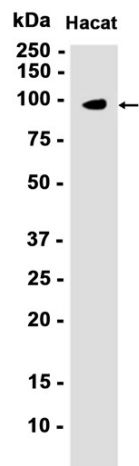
IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

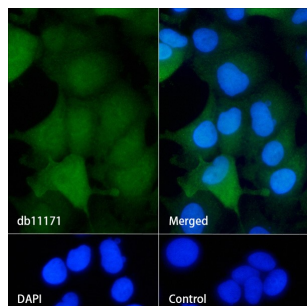
Western blot analysis of extracts from C6 cells and Rat brain tissue using db11171 at 1:1000.



Western blot analysis of extracts from Hacat cells using db11171 at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling INPP4B with db11171.



The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11171 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.