

## mPR $\gamma$ (E329) polyclonal antibody

Catalog: BS2630

Host: Rabbit

Reactivity: Human

### BackGround:

The steroid progesterone induces the resumption of maturation in oocytes via a nongenomic pathway through binding to a novel, membrane progesterin receptor (mPR). This pathway inhibits adenylyl cyclase and reduces intracellular cAMP, and also activates mitogen-activated protein kinase to effect signal transduction pathways. Three distinct groups, designated alpha, beta, and gamma, comprise this gene family. While all contain 7 transmembrane domains, they show distinct distributions in reproductive, neural, kidney and intestinal tissues. These characteristics separate them from nuclear progesterin receptors, and instead imply similarity to G-protein coupled receptors.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 38 kDa

### Swiss-Prot:

Q9NXX6

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

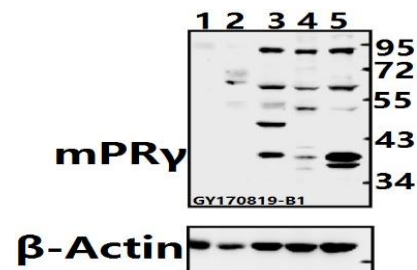
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

mPR $\gamma$  (E329) polyclonal antibody detects endogenous levels of mPR $\gamma$  protein.

### DATA:



Western blot (WB) analysis of mPR $\gamma$  (E329) pAb at 1:500 dilution

Lane1: The Lung tissue lysate of Mouse(40ug)

Lane2: The Lung tissue lysate of Rat(40ug)

Lane3: HCT116 whole cell lysate(40ug)

Lane4: HEK293T whole cell lysate(40ug)

Lane5: U-87MG whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151