

PRODUCT DATA SHEET



Bioworld Technology, Inc.

mPR γ (E329) pAb

Cat No.: BS2630

Host: Rabbit

Reactivity: Human, Mouse, Rat

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

Molecular Weight

~38 kDa

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 (Recommended Dilutions)

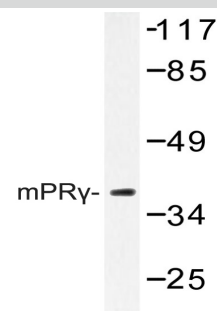
STORAGE & STABILITY

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

SPECIFICITY

mPR γ (E329) pAb detects endogenous levels of mPR γ protein.

DATA



Western blot (WB) analysis of mPR γ (E329) pAb in extracts from HUVEC cells.

RESEARCH USE

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

Bioworld Technology, Inc.

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