

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



mPR γ (E329) Peptide

Cat No.: BS2630P

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 trans-membrane 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.

Swiss-Prot

Q9NXX6

Applications

Blocking

Specificity

This peptide can be used with studies using BS2630 mPR γ (E329) pAb.

Purification & Purity

Synthetic peptide mPR γ (E329). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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