

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### mAChR M2 (P224) Peptide

Cat No.: BS2781P

#### Background

The muscarinic acetylcholine receptors (mAChR) mediate a variety of cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels. The mAChRs transduce signals by coupling to G-proteins, which then modulate several downstream effector proteins and ion channels. Five mAChR subtypes have been identified, designated M1 to M5. The five receptor subtypes show distinct patterns of tissue distribution, as well as distinct pharmacological and functional properties.

#### Swiss-Prot

P08172

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2781 mAChR M2 (P224) pAb.

#### Purification & Purity

Synthetic peptide mAChR M2 (P224). (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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