

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# MC1 Receptor monoclonal antibody

Catalog: MB67068 Host: Mouse Reactivity: Human

# **BackGround:**

Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.

Mediates melanogenesis, the production of eumelanin (black/brown) and phaeomelanin (red/yellow), via regulation of cAMP signaling in melanocytes.

#### **Product:**

Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

# **Molecular Weight:**

~ 33 kDa

#### **Swiss-Prot:**

Q01726

# **Purification&Purity:**

This antibody is purified through a protein G column.

# **Applications:**

WB (1/500 - 1/1000)

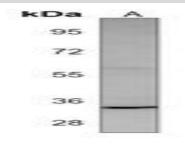
# Storage&Stability:

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at  $-20\,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

#### **Specificity:**

Recognizes endogenous levels of MC1 Receptor protein.

#### **DATA:**



Western blot analysis of MC1 Receptor expression in A375 (A) whole cell lysates.

#### Note:

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

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