

**MAA239Mi21**

**Monoclonal Antibody to Alpha-Melanocyte Stimulating Hormone (aMSH)**

**Organism Species:**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1 Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C2

**Traits:** Liquid

**Concentration:** 0.59mg/mL

**UOM:** 50µL

**Cross Reactivity:** Porcine

**Applications:** IHC

**[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, aMSH conjugated to OVA. Target peptide sequence: SYSMEHFRWGKPV.

**Accession No.:** CPA239Mi21

**[ APPLICATIONS ]**

Immunohistochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

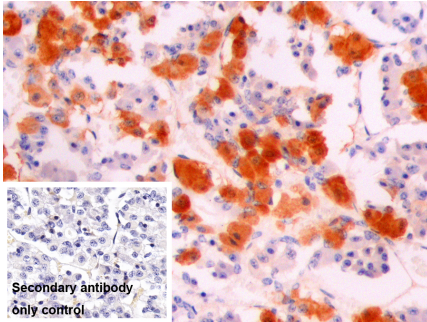
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### **[ IDENTIFICATION ]**



DAB staining on IHC-P;

Sample: Porcine Pituitary Tissue

Primary Ab: 30µg/ml Mouse Anti-Multi-species aMSH Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

### **[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.