

**MAA835Mi21**

**Monoclonal Antibody to Corticotropin Releasing Hormone (CRH)**

**Organism Species: Homo sapiens (Human)**

**Mus musculus (Mouse)**

**Rattus norvegicus (Rat)**

**Canis familiaris; Canine (Dog)**

**Sus scrofa; Porcine (Pig)**

***Instruction manual***

**FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2a Kappa

**Purification:** Protein A/G Affinity Chromatography.

**Clone number:** 1#

**Traits:** Liquid

**Concentration:** 500µg/mL

**UOM:** 10µg

**Applications:** WB; IHC; ICC; IP.

## **[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, CRH conjugated to OVA

**Accession No.:** CPA835Mi21

**Sequence:** The target peptide sequence is listed below.

EEPPIS LDLTFHLLRE VLEMARAEQ

## **[ ORGANISM SPECIES MORE ]**

**React with:** Human, mouse, rat, canine, porcine;

Other species have not been detected.

## **[ APPLICATIONS ]**

Western blotting: 0.5-5µg/mL

Immunocytochemistry in formalin fixed cells: 5-30µg/mL

Immunohistochemistry in formalin fixed frozen section: 5-30µg/mL

Immunohistochemistry in paraffin section: 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 12 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.