

**MAA399Hu21**

**Monoclonal Antibody to High Mobility Group Protein 1 (HMGB1)**

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

***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:** IgG2a Kappa

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

**Clone number:** C1

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

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

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant HMGB1 (Met1~Glu215) expressed in *E.coli*

**Accession No.:** RPA399Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunocytochemistry: 5-20μg/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.

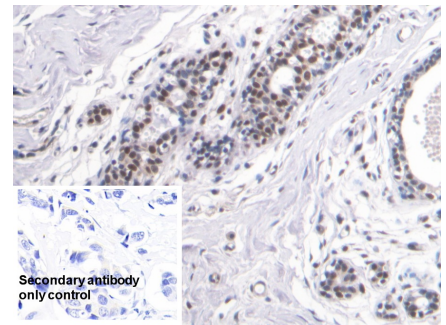
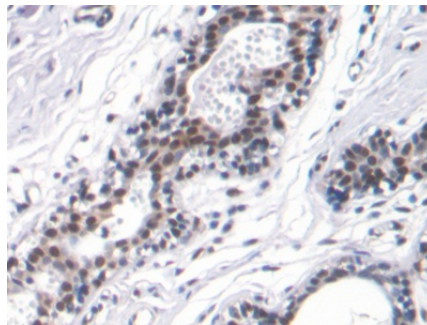
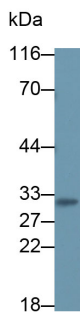
Store at 4°C for frequent use.

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 ]



Western Blot; Sample: Jurkat cell lysate	DAB staining on IHC-P; Samples:	DAB staining on IHC-P;
Primary Ab: 3µg/ml Mouse Anti-Human	Human Breast cancer Tissue; Primary	Sample: Human Breast cancer Tissue
HMGB1 Antibody Second Ab: 0.2µg/ml	Ab: 20µg/ml Mouse Anti-Human HMG1	Primary Ab: 20µg/ml Mouse Anti-
HRP-Linked Caprine Anti-Mouse IgG	Antibody Second Ab: 2µg/mL HRP-	Human HMGB1 Antibody
Polyclonal Antibody (Catalog:	Linked Caprine Anti-Mouse IgG	Control: Used PBS instead of primary
SAA544Mu19)	Polyclonal Antibody (Catalog:	antibody
	SAA544Mu19)	Second Ab: 2µg/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.