

**MAA927Ge21**

**Monoclonal Antibody to Histamine (HA)**

**Organism Species: *Pan-species (General)***

***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:** IgG2b Kappa

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

**Clone number:** 8-C2

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 20 $\mu$ L

**Cross Reactivity:** Human

**Applications:** ELISA, CLIA. / IHC-Fr, ICC, IP (predicted).

**[ IMMUNOGEN ]**

**Immunogen:** Small Molecule, Histamine conjugated to BSA.

**Accession No.:** CPA927Ge11

**[ APPLICATIONS ]**

Immunohistochemistry: 5-20 $\mu$ g/mL;

Immunocytochemistry: 5-20 $\mu$ g/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.

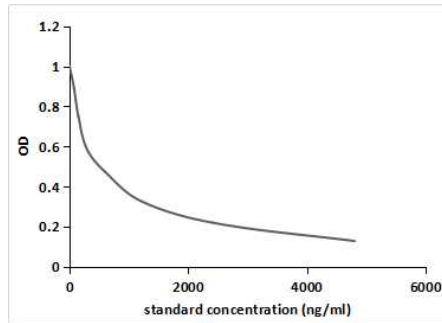
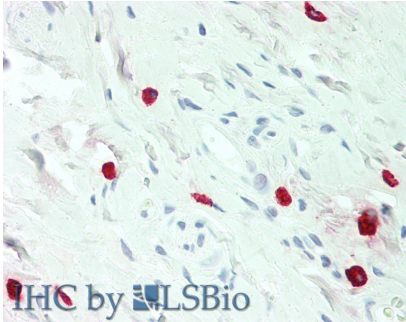
Store at 4°C for frequent use.

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 ]**



Vector Red staining on IHC-P;

Samples: Human Mast Cells of Colon  
Tissue; Primary Ab: 10µg/ml Mouse  
Anti-Human HA Antibody Second Ab:  
2µg/mL HRP-Linked Caprine Anti-  
Mouse IgG Monoclonal Antibody

Competitive inhibition ELISA;

Coated protein: HA conjugated to OVA  
(Catalog:CPA927Ge21);  
Standard:Series Diluted HA;  
Primary Ab: 1.57µg/ml Mouse Anti HA  
Antibody;  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-mouse IgG  
PolyclonalAntibody  
(Catalog: SAA544Rb19)  
IC50=300ng/ml

**[ 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.