

PAA431Hu01

Polyclonal Antibody to Granzyme M (GZMM)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100μL

Cross Reactivity: Rat;Porcine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant GZMM (Ile26~Ala257) expressed in *E.coli*

Accession No.: RPA431Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 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.

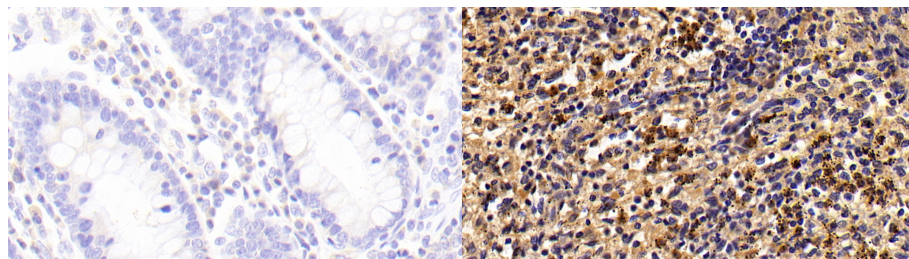
Store at 4°C for frequent use.

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

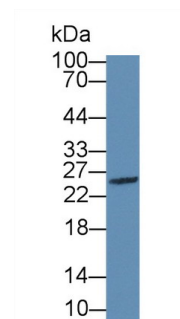
expiration date under appropriate storage condition.

[IDENTIFICATION]

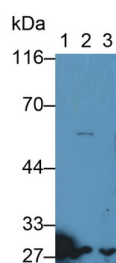


DAB staining on IHC-P; Samples:
Porcine Colon Tissue; Primary Ab:
20 μ g/ml Rabbit Anti-Human GZMM
Antibody Second Ab: 2 μ g/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

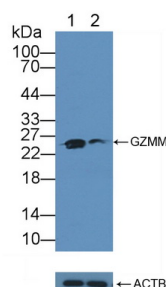
DAB staining on IHC-P;
Sample: Human Spleen Tissue;
Primary Ab: 10 μ g/ml Rabbit Anti-
Human GZMM Antibody
Second Ab: 2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human K562
cell lysate;
Primary Ab: 1 μ g/ml Rabbit Anti-Human
GZMM Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Rat
Bone marrow lysate; Lane2: K562 cell
lysate; Lane3: Jurkat cell lysate
Primary Ab: 0.3 μ g/ml Rabbit Anti-
Human GZMM Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Knockout Varification:
Lane 1: Wild-type K562 cell lysate;
Lane 2: GZMM knockout K562 cell
lysate;
Predicted MW: 28kd
Observed MW: 25kd
Primary Ab: 1 μ g/ml Rabbit Anti-Human
GZMM Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

[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.