

PAS158Hu01

Polyclonal Antibody to Zymogen Granule Protein 16 Homolog B (ZG16B)

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: Porcine

Applications: WB; ICC/IF;FCM

[IMMUNOGEN]

Immunogen: Recombinant ZG16B (Gly17~Arg172) expressed in *E.coli*

Accession No.: RPS158Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunocytochemistry: 5-20µg/mL;

Flow cytometry: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.

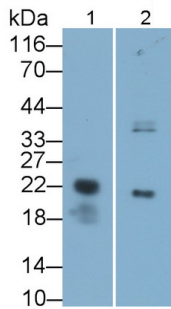
Store at 4°C for frequent use.

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

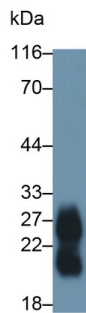
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

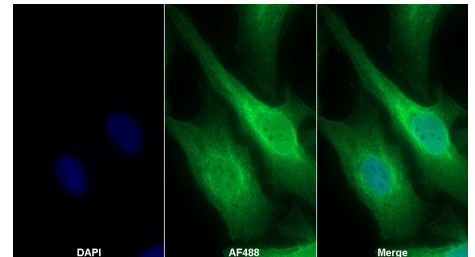
[IDENTIFICATION]



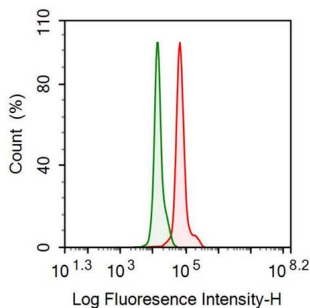
Western Blot; Sample: Lane1: Human Saliva; Lane2: Porcine Skin lysate
 Primary Ab: 0.01µg/ml Rabbit Anti-Human ZG16B Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Human Saliva
 Primary Ab: 0.02µg/ml Rabbit Anti-Human ZG16B Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



AF488 staining on IF;
 Sample: U2OS cell
 Primary Ab: 20µg/ml Rabbit Anti-Human ZG16B Antibody
 Second Ab: 2µg/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb11)



Human MCF7 cell was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20µg/ml rabbit Anti-human ZG16B Polyclonal Antibody (Catalog PAS158Hu01, red histogram) or Isotype control antibody (Catalog IS067-Rb01, green histogram), followed by 1µg/ml FITC-conjugated Anti-rabbit IgG Secondary Antibody (Catalog

SAA544Rb18).

[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.