

**MAK504Hu22**

**Monoclonal Antibody to Calprotectin (CALPRO)**

**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:** IgG1Kappa

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

**Clone number:** D5

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant CALPRO (Met1~Glu93 and Met1~Pro114 co-expression)  
expressed in *E.coli*

**Accession No.:** RPK504Hu01

**[ APPLICATIONS ]**

Western blotting: 0.01-2μg/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.

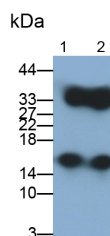
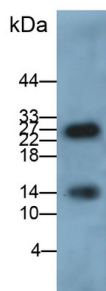
Store at 4°C for frequent use.

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: Human Saliva      Western Blot; Samples: Lane1: Human

Primary Ab: 0.5µg/ml Mouse Anti-

Saliva; Lane2: Human Leukocyte

Human CALPRO Antibody Second Ab:

lysate;

0.2µg/mL HRP-Linked Caprine Anti-

Primary Ab: 0.5µg/ml Mouse Anti-

Mouse IgG Polyclonal Antibody

Human CALPRO Antibody

(Catalog: SAA544Mu19)

Second Ab: 0.2?g/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.