

**MAA267Hu21**

**Monoclonal Antibody to Cathepsin K (CTSK)**

**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:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

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

**Clone number:** C4

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 200μL

**Cross Reactivity:** Rat;Porcine

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant CTSK (Ala115~Met329) expressed in *E.coli*

**Accession No.:** RPA267Hu01

**[ APPLICATIONS ]**

Western blotting: 0.01-3μg/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.

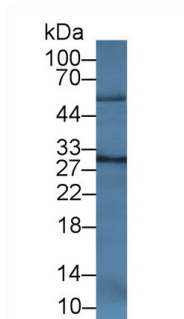
Store at 4°C for frequent use.

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 ]



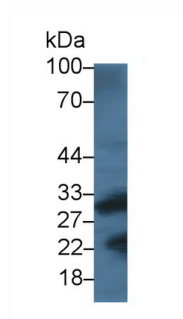
Western Blot; Sample: Porcine Heart  
lysate;

Primary Ab: 3µg/ml Mouse Anti-Human  
CTSK Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu19)



Western Blot; Sample: Rat Skeletal  
muscle lysate;

Primary Ab: 3µg/ml Mouse Anti-Human  
CTSK Antibody

Second Ab: 0.2µg/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.