

MAA119Ra21

Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

Organism Species: *Rattus norvegicus* (Rat)

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: 50µL

Cross Reactivity: Mouse

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant CD40L (Lys105~Leu260) expressed in *E.coli*

Accession No.: RPA119Ra01

[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 PBS, pH7.4, containing 0.02% NaN₃, 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]

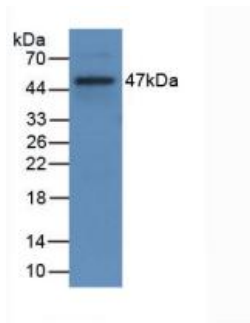
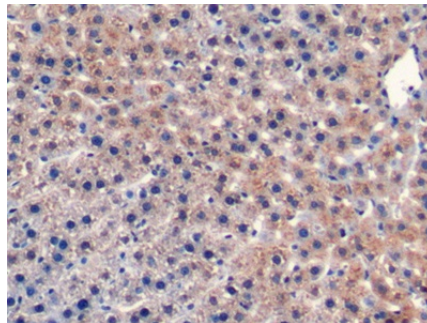
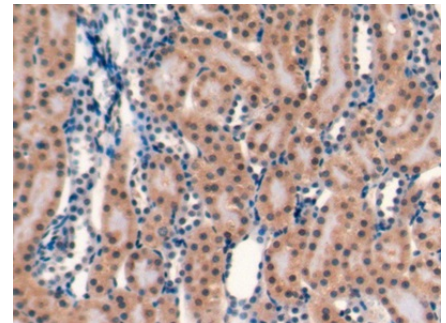


Figure. Western Blot; Sample:
Recombinant CD40L, Rat.



DAB staining on IHC-P; Samples: Rat
Liver Tissue; Primary Ab: 20μg/ml
Mouse Anti-Rat CD40L Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P;
Samples: Rat Kidney Tissue;
Primary Ab: 20μg/ml Mouse Anti-Rat
CD40L Antibody
Second Ab: 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.