

**MAC977Hu21**

**Monoclonal Antibody to Carcinoembryonic Antigen Related Cell Adhesion Molecule 1  
(CEACAM1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1 Kappa

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

**Clone number:** C4

**Traits:** Liquid

**Concentration:** 1mg/ml

**UOM:** 100

**Cross Reactivity:** Rat;Cavia;Porcine;Caprine;Ovine;Equine

**Applications:** WB; IHC

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant CEACAM1 (Gln35~Leu321) expressed in *E.coli*

**Accession No.:** RPC977Hu01

**[ 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.

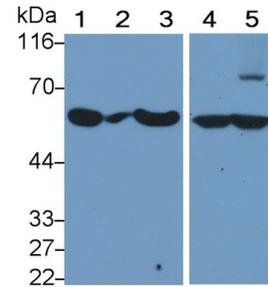
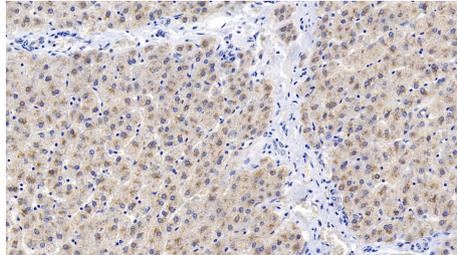
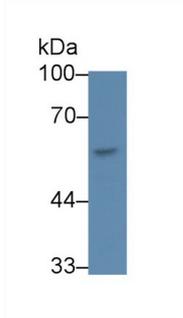
Store at 4°C for frequent use.

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; Sample:

Western Blot; Sample: Rat Liver lysate  
 Primary Ab: 2µg/ml Mouse Anti-Human CEACAM1 Antibody  
 Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody  
 (Catalog: SAA544Mu19)

Human Liver Tissue; Primary Ab: 20µg/ml Mouse Anti-Human CEACAM1 Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

Western Blot; Sample: Lane1: Porcine Liver lysate; Lane2: Rat Liver lysate; Lane3: Equine Liver lysate; Lane4: Caprine Liver lysate; Lane5: Cavia Liver lysate  
 Primary Ab: 1µg/ml Mouse Anti-Human CEACAM1 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.