

MAA705Hu24

Monoclonal Antibody to Mucin 2 (MUC2)

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: IgM

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Clone number: E23

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Rat

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant MUC2 (Cys5185-Gly5289) expressed in *E.coli*

Accession No.: RPA705Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/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.

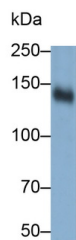
Store at 4°C for frequent use.

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]



Western Blot; Sample: Rat Small

intestine lysate

Primary Ab: 0.2 μ g/ml Mouse Anti-

Human MUC2 Antibody

Second Ab: 0.2 μ 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.