

MBS2012555
Monoclonal Antibody to Mucin 5 Subtype AC (MUC5AC)
Organism Species: *Homo sapiens* (Human)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C7

Traits: Liquid

Concentration: 1mg/ml

UOM: 200ul

Cross Reactivity: N/A

Applications: Western Blot (WB); Immunohistochemistry (IHC); Immunocytochemistry (ICC); Immunoprecipitation (IP).

[IMMUNOGEN]

Immunogen: Recombinant MUC5AC (Tyr5568~His5654) expressed in *E.coli* (MBS2009104).

[APPLICATIONS]

Western blotting: 0.5-2ug/mL;

Immunohistochemistry: 5-20ug/mL;

Immunocytochemistry: 5-20ug/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 MUC5AC, Human.

Western Blot; Sample: Human Lung
lysate;
Primary Ab: 2ug/ml Mouse Anti-Human
MUC5AC Antibody
Second Ab: 0.2ug/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: MBS2086035)

[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.