MAA895Hu22

Monoclonal Antibody to Insulin Receptor (INSR)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C1

Traits: Liquid

Concentration: 0.94mg/ml

UOM: 100µl

Cross Reactivity: N/A

Applications: WB; IF

[IMMUNOGEN]

Immunogen: Recombinant INSR (Arg1027~Met1364) expressed in *E.coli*

Accession No.: RPA895Hu02

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunofluorescence: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.

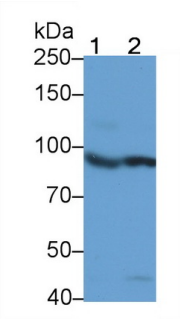
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

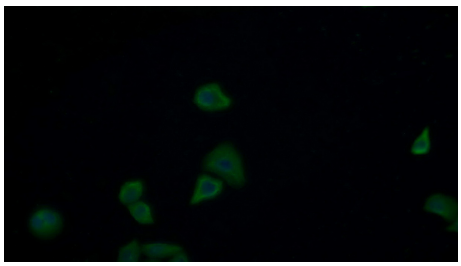
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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: Lane1: MCF7 cell lysate; Lane2: HCT116 cell lysate Primary Ab: 0.8μg/ml Mouse Anti-Human INSR Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



FITC staining on IF; Samples: Human MCF7 cell; Primary Ab: 20?g/ml Mouse Anti-Human ISR Antibody Second Ab: 5?g/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)

[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.