

MAA895Ra21

Monoclonal Antibody to Insulin Receptor (INSR)

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: IgG3 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C11

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: Human

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant INSR (Ser1114~Pro1382 (Accession # P15127)) expressed in *E.coli*

Accession No.: RPA895Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunofluorescence: 5-30µg/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.

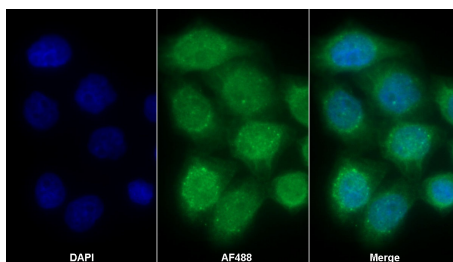
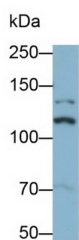
Store at 4°C for frequent use.

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]



AF488 staining on IF;

Western Blot; Sample: 293T cell lysate
 Primary Ab: 0.8μg/ml Mouse Anti-Rat
 INSR Antibody Second Ab: 0.2μg/mL
 HRP-Linked Caprine Anti-Mouse IgG
 Polyclonal Antibody (Catalog:
 SAA544Mu19)

Sample: MCF7 cell
 Primary Ab: 30μg/ml Mouse Anti-Rat
 INSR Antibody
 Second Ab: 2μg/ml AF488-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu11)

[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.