**MAA052Hu29**

# Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 1 (IGFBP1)

**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:** IgG2bKappa

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

**Clone number:** D7

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** ICC/IF

## [ IMMUNOGEN ]

**Immunogen:** Recombinant IGFBP1 (Glu36~Asn235) expressed in *E.coli*

**Accession No.:** RPA052Hu02

## [ APPLICATIONS ]

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.

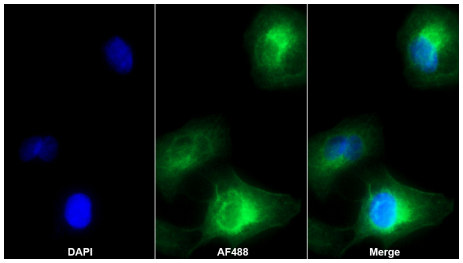
Store at 4ºC for frequent use.

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 ]




AF488 staining on IF;

Sample: A549 cell

Primary Ab: 20µg/ml Mouse Anti-Human IGFBP1 Antibody

Second Ab: 2?g/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.