

**MAB029Hu29**

**Monoclonal Antibody to Integrin Alpha 2B (ITGa2B)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG1Kappa

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

**Clone number:** C3

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** WB; ICC/IF

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant ITGa2B (Leu32~Val485) expressed in *E.coli*

**Accession No.:** RPB029Hu02

**[ 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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

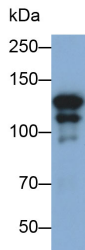
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

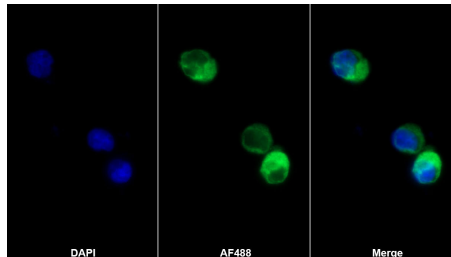
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ IDENTIFICATION ]



Western Blot; Sample: Human Platelet  
lysate Primary Ab: 0.2 $\mu$ g/ml Mouse Anti-  
Human ITGa2B Antibody Second Ab:  
0.2 $\mu$ g/ml HRP-Linked Caprine Anti-  
Mouse IgG Polyclonal Antibody  
(Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: HEL92.1.7 cell  
Primary Ab: 20 $\mu$ g/ml Mouse Anti-  
Human ITGa2B Antibody  
Second Ab: 2 $\mu$ 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.