

**LAB516Hu82**  
**FITC-Linked Monoclonal Antibody to Prominin 1 (PROM1)**  
**Organism Species: Homo sapiens (Human)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Purification:** Protein A/G Affinity Chromatography.

**Clone number:** C10

**Label:** FITC

**Original Antibody:** MAB516Hu21

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100µg

**Applications:** WB; IHC; ICC.

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant PROM1 (Ile171~Asp431) expressed in *E.coli*.

**Accession No.:** RPB516Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/mL

Immunohistochemistry: 5-20µg/mL

Immunocytochemistry: 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 12 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.

Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.

### **[ Important Note ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.