

**PAA124Mu01**

**Polyclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)**

**Organism Species: *Mus musculus* (Mouse)**

***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:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 20μL

**Cross Reactivity:** Rat

**Applications:** WB

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant TGFb1 (Ala279~Ser390) expressed in *E.coli*

**Accession No.:** RPA124Mu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Optimal working dilutions must be determined by end user.

### **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

### **[ STORAGE AND STABILITY ]**

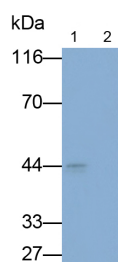
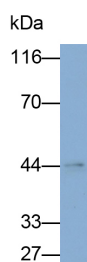
**Storage:** Avoid repeated freeze/thaw cycles.

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 ]



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| <p>Western Blot; Sample: Mouse Spleen lysate<br/>         Primary Ab: 0.2µg/ml Rabbit Anti-Mouse TGFb1 Antibody<br/>         Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody<br/>         (Catalog: SAA544Rb19)</p> | <p>Western Blot; Samples: Lane1: Rat Spleen cells treated with 25ng/ml LPS and 5µg/ml PHA for 24 hours, cell precipitation; Lane2: Untreated Rat Spleen lysate;<br/>         Primary Ab: 0.2µg/ml Rabbit Anti-Mouse TGFb1 Antibody<br/>         Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody<br/>         (Catalog: SAA544Rb19)</p> |
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## [ 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.