

MAA124Hu22 Monoclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1) Organism Species: *Homo sapiens (Human)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

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## [PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: N/A

Purification: Protein A + Protein G affinity chromatography

Clone number: A1

Traits: Liquid

Concentration: 1mg/mL

**UOM:** 100µL

Cross Reactivity: Mouse;Rat

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

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

Accession No.: RPA124Hu01

### [APPLICATIONS]

Western blotting: 0.01-3µg/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.

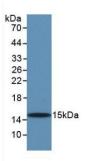
Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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]



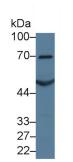


Figure. Western Blot; Sample: Recombinant TGFb1, Human. Western Blot; Sample: Rat Cerebrum lysate; Primary Ab: 3µg/ml Mouse Anti-Human TGFb1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

## [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.