

**MAB070Hu26**

**Monoclonal Antibody to Tryptase (TPS)**

**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:** IgG2a Kappa

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

**Clone number:** C10

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** WB; IHC

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant TPS (Gly161~Tyr262) expressed in *E.coli*

**Accession No.:** RPB070Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.01-5μg/mL;

Immunohistochemistry: 5-40μg/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.

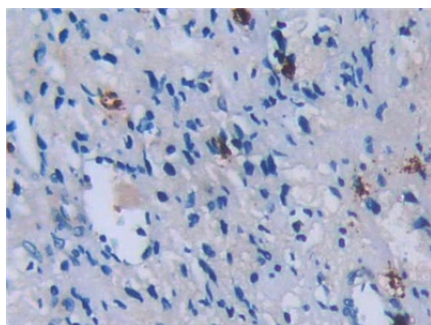
Store at 4°C for frequent use.

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

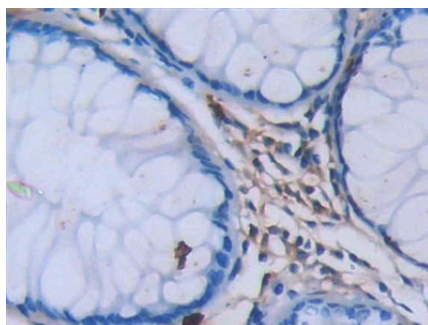
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

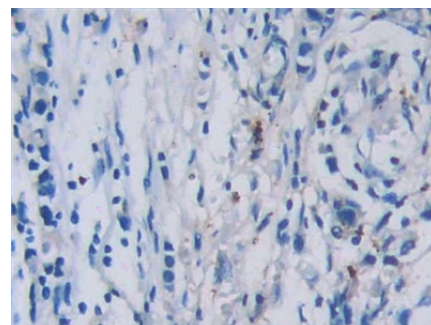
## [ IDENTIFICATION ]



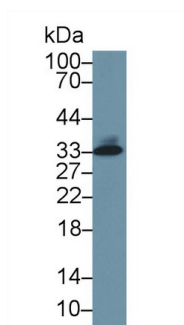
DAB staining on IHC-P; Sample:  
Human Prostate cancer Tissue;  
Primary Ab: 40µg/ml Mouse Anti-  
Human TPS Antibody Second Ab:  
2µg/mL HRP-Linked Caprine Anti-  
Mouse IgG Polyclonal Antibody  
(Catalog: SAA544Mu19)



DAB staining on IHC-P;  
Sample: Human Colorectal cancer  
Tissue;  
Primary Ab: 40µg/ml Mouse Anti-  
Human TPS Antibody  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody  
(Catalog: SAA544Mu19)



DAB staining on IHC-P;  
Sample: Human Stomach cancer  
Tissue;  
Primary Ab: 40µg/ml Mouse Anti-  
Human TPS Antibody  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody  
(Catalog: SAA544Mu19)



Western Blot; Sample: Human Liver  
lysate;

Primary Ab: 5µg/ml Mouse Anti-Human  
TPS 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.