

**MAA222Hu22**

**Monoclonal Antibody to Interferon Beta (IFN $\beta$ )**

**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:** IgG2b Kappa

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

**Clone number:** C13

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 20µL

**Cross Reactivity:** Porcine

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

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant IFN $\beta$  (Met22~Asn187) expressed in *E.coli*

**Accession No.:** RPA222Hu01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/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 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 ]**

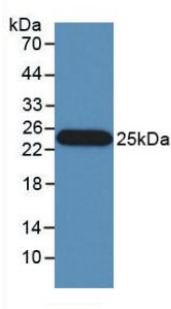
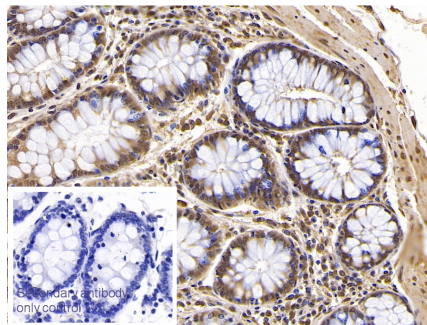
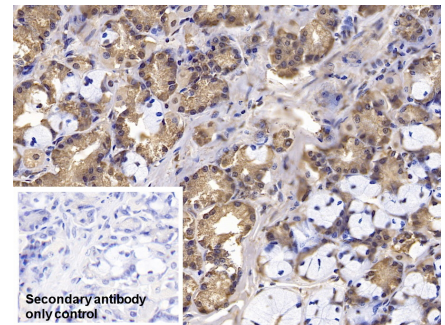


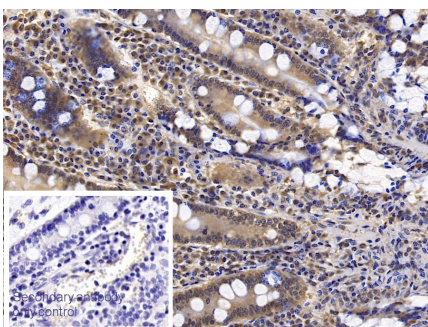
Figure. Western Blot; Sample: Recombinant IFN $\beta$ , Human.



DAB staining on IHC-P; Samples: Human Colon Tissue; Primary Ab: 10 $\mu$ g/ml Mouse Anti-Human IFN $\beta$  Antibody Second Ab: 2 $\mu$ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Human Stomach Tissue; Primary Ab: 10 $\mu$ g/ml Mouse Anti-Human IFN $\beta$  Antibody Second Ab: 2 $\mu$ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)  
Secondary antibody only control: Used PBS instead of primary antibody , Second Ab: 2 $\mu$ g/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Human Small intestine Tissue;

Primary Ab: 10µg/ml Mouse Anti-  
Human IFN $\beta$  Antibody

Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu19)

Secondary antibody only control: Used

PBS instead of primary antibody ,  
Second Ab: 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.