

PAE171Hu01

Polyclonal Antibody to Interferon Alpha/Beta Receptor 2 (IFN α /bR2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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: 500µg/mL

UOM: 100µl

Cross Reactivity: Mouse; Rat; Porcine.

Applications: WB,IHC,ICC/IF

[**IMMUNOGEN**]

Immunogen: Recombinant IFNa/bR2 (Ile27~Lys243) expressed in *E.coli*

Accession No.: RPE171Hu01

[**APPLICATIONS**]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunofluorescence: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 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]

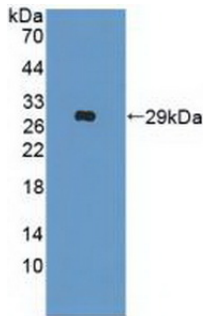
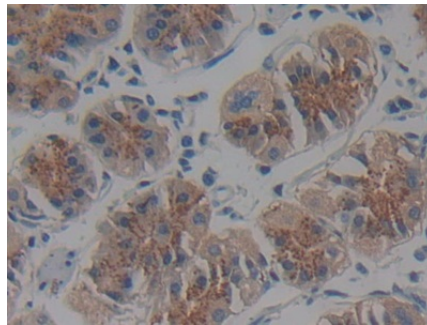
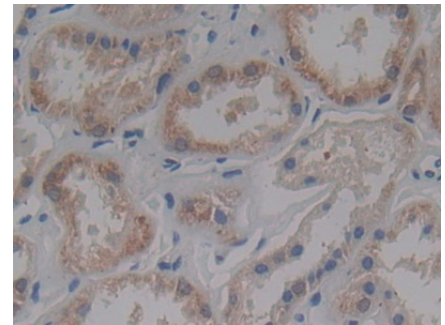


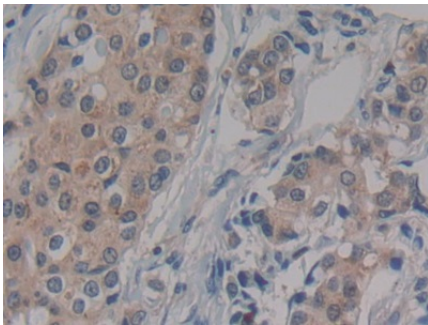
Figure. Western Blot; Sample: Recombinant IFNa/bR2, Human.



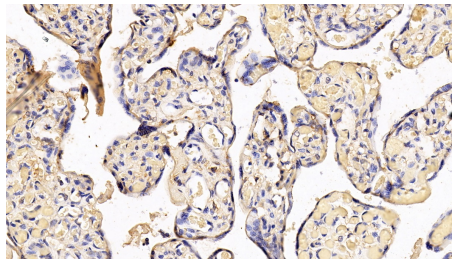
DAB staining on IHC-P; Samples: Human Stomach cancer Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human IFNa/bR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



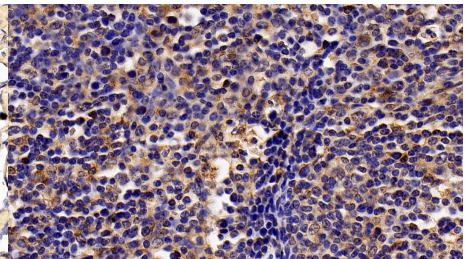
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human IFNa/bR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



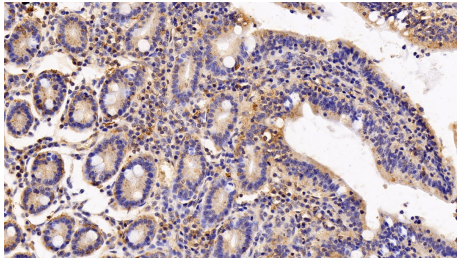
DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 30µg/ml Rabbit Anti-Human IFNa/bR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Human Placenta Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Porcine Lymph node Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



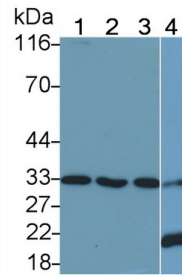
DAB staining on IHC-P;

Sample: Porcine Small intestine Tissue;

Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

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

(Catalog: SAA544Rb19)



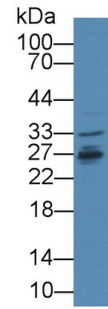
Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: K562 cell lysate; Lane3: MCF7 cell lysate; Lane4: Rat Liver lysate

Primary Ab: 0.2µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



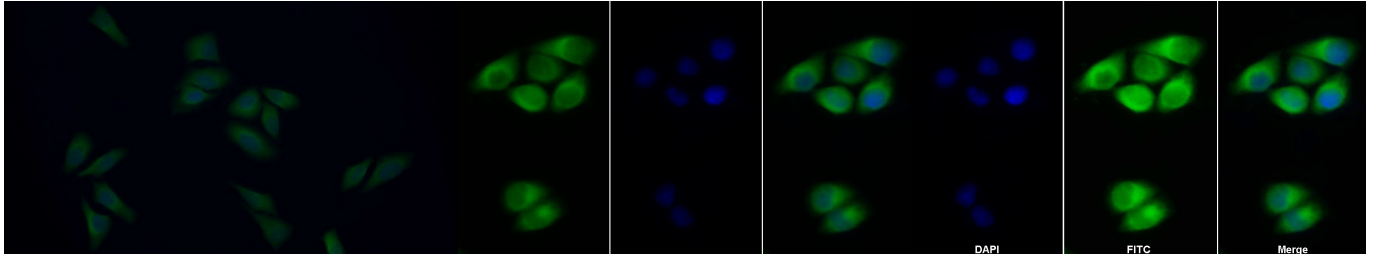
Western Blot; Sample: Mouse Liver lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Samples: Human HepG2 cell;

Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

Second Ab: 1.5µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

FITC staining on IF;

Sample: Human MCF7 cell;

Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

Second Ab: 1.5µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

FITC staining on IF;

Sample: MCF7 cell

Primary Ab: 20µg/ml Rabbit Anti-Human IFNa/bR2 Antibody

Second Ab: 2µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

[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.