
Interferon alpha 2b Rabbit pAb

Catalog Number: bs-0536R

Target Protein: Interferon alpha 2b

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse

Predicted MW: 19 kDa

Subcellular: Secreted

Locations:

Entrez Gene: 3440

Swiss Prot: P01563

Purification: affinity purified by Protein A

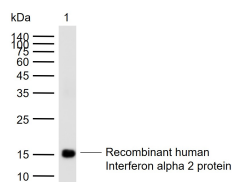
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

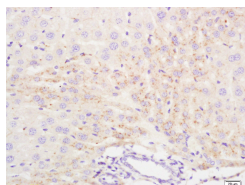
Background: Interferon alpha 2b is one of the known 23 different variants of IFN-alpha. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-alpha subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-alpha subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxy-terminal end.

Interferon alpha 2b is a potent immune modulator. It can either inhibit or enhance immune cell activity within the tightly regulated microenvironment of inflammation, depending upon the concentration of the cytokine and the activation stage of the cell. Interferon alpha 2B is currently used as an anticancer drug due to its antiproliferative activity.

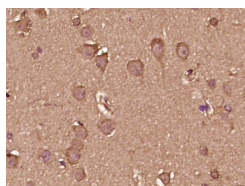
VALIDATION IMAGES



Sample: Lane 1: Recombinant human Interferon alpha 2 protein, N-His(bs-42261P) Primary: Anti-Interferon alpha 2b (bs-0536R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kDa Observed band size: 16 kDa



Tissue/cell: mouse liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-IFN-Alpha 2b/Interferon alpha 2/INFA2 Polyclonal Antibody, Unconjugated (bs-0536R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Interferon alpha 2b) Polyclonal Antibody, Unconjugated (bs-0536R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=1.797] Shaaban R et al. Molecular and Biological Characterization of a Prepared Recombinant Human Interferon Alpha 2b Isoform.(2018) Appl. Biochem. Biotechnol. 2018 Oct 18. WB ; Rat . 30334171