

## IFN-R1 Rabbit monoclonal antibody

Catalog: BS9863M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The type I interferons, IFN- $\alpha$  and IFN- $\beta$ , are a group of structurally and functionally related proteins that are induced by either viruses or double-stranded RNA and are defined by their ability to confer an antiviral state in cells. IFN- $\alpha$  and IFN- $\beta$  appear to compete with one another for binding to a common cell surface receptor, while immune IFN (IFN- $\gamma$ ) binds to a distinct receptor. This distinct receptor, IFN- $\alpha$ R, is only weakly responsive to type I interferons, in contrast to IFN- $\alpha/\beta$ R, which binds to and responds effectively to IFN- $\beta$  and to several of the IFN- $\alpha$  subtypes. IFN- $\alpha/\beta$ R is expressed as two alternatively spliced transcripts, designated IFN- $\alpha/\beta$ R $\alpha$  (IFN- $\alpha/\beta$ R1) and IFN- $\alpha/\beta$ R $\beta$  (IFN- $\alpha/\beta$ R2), both of which are involved in signal transduction and ligand binding.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 50 kDa

### Swiss-Prot:

P17181

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:2000

IHC: 1:50-1:200

FC: 1:50-1:100

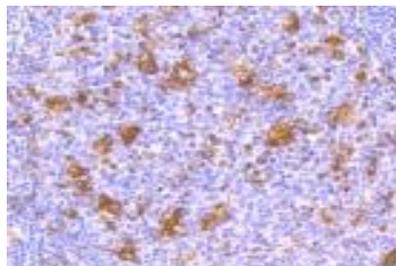
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

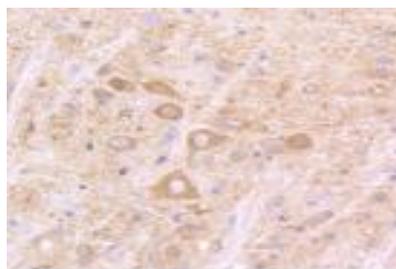
### Specificity:

This antibody detects endogenous levels of IFN-R1 and does not cross-react with related proteins.

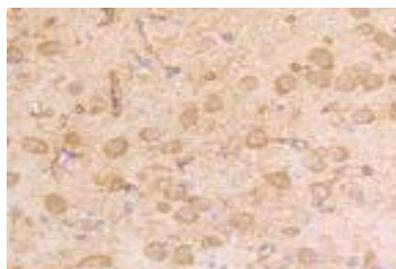
### DATA:



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IFN-R1 antibody. Counter stained with hematoxylin



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-IFN-R1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-IFN-R1 antibody. Counter stained with hematoxylin

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151