

## Interferon $\gamma$ polyclonal antibody

Catalog: BS90728

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

Interferon (IFN)- $\gamma$  is an antiviral and antiparasitic agent produced by CD4+/CD8+ lymphocytes and natural killer cells that undergo activation by antigens, mitogens or alloantigens. IFN- $\gamma$  production modulates T cell growth and differentiation and inhibits the growth of B cells. Synthesis of IFN- $\gamma$  is inducible by IL-2, FGF and EGF. The active form of IFN- $\gamma$  is a homodimer with each subunit containing six helices. The dimeric structure of human IFN- $\gamma$  is stabilized by non-covalent interactions through the interface of the helices. IFN- $\gamma$  translated precursor is 166 amino acids, including the 23 amino acid secretory sequence. Multiple forms exist due to variable glycosylation and under non-denaturing conditions due to dimers and tetramers.

**Product:**

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

**Molecular Weight:**

19 kDa

**Swiss-Prot:**

P01579(Human) P01580(Mouse) P01581(Rat)

**Purification&Purity:**

ProA affinity purified

**Applications:**

WB:1:500-1:1,000

FC:1:50-1:100

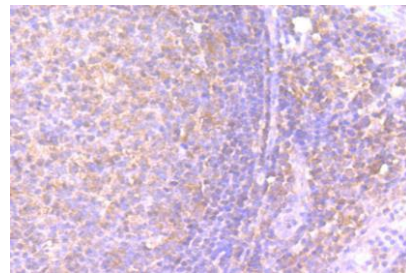
IHC:1:50-1:100

**Storage&Stability:**

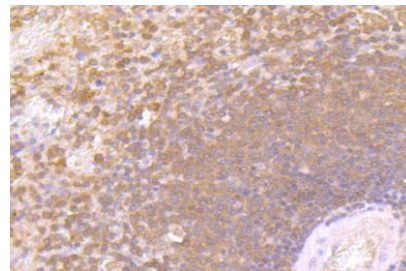
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

**Specificity:**

Interferon  $\gamma$  polyclonal antibody detects endogenous levels of Interferon  $\gamma$  protein.

**DATA:**

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



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Interferon gamma antibody. Counter stained with hematoxylin.

**Note:**

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

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