

**BSP0149D****[ Primary Antibody ]****IFN gamma Mouse mAb pair (detector)**

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**— DATASHEET —****Host:** Mouse**Isotype:** IgG2b**Applications:** ELISA (1:1000)**Clonality:** Monoclonal**CloneNo.:** 9F11**Reactivity:** Human**Target:** IFN gamma**Immunogen:** A synthesized peptide derived from IFNG: 24-161/166.**Purification:** Affinity Purification**Subcellular  
Location:** Secreted**Storage:** Liquid in PBS containing 0.02% Proclin300 as a preservative.  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid  
freeze/thaw cycles.**Background:** Mammalian Interferon gamma is mainly produced by T lymphocytes and NK cells. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak antiviral and antiproliferative activity, and potentiates the antiviral and anti tumor effects of IFN alpha / beta (type I interferon). It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN. Labile at pH 2.