

Product datasheet for **SP2138A**

IFNG Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	ELISA. Functional Assays: 10-50 µg/ml. Western Blot: This antibody detects a band of approximately 18 kDa.
Reactivity:	Chicken
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Chicken Interferon Gamma
Specificity:	This antibody recognizes Chicken Interferon gamma (chIFN-gamma). This antibody can be used to neutralize chIFN-gamma activity and to discriminate the antiviral activity of chIFNg-amma from that of chIFN-alpha and chIFN-beta.
Formulation:	PBS State: Azide Free State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Affinity Chromatography on protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interferon, gamma
Database Link:	Entrez Gene 396054 Chicken P49708



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Background:

Original studies investigating the properties of chicken Interferon (chIFN), revealed properties similar to mammalian IFN type I (IFN1), and it has since become apparent that there are at least three distinct chicken interferon proteins, designated as chIFN-alpha, chIFN-beta and chIFN-gamma. chIFN-gamma was first identified, when supernatant from chicken spleen cells stimulated with concanavalin A (ConA), displayed macrophage-activating factor (MAF) activity - the principle function of mammalian type II IFNgamma. Several independent studies have since supported the existence of this chicken homolog, by the cloning of IFN-gamma cDNA from activated chicken T cells and demonstrating that recombinant chicken IFNgamma strongly upregulates the expression of MHC class II and iNOS genes.

Synonyms:

IFN-gamma, gamma IFN