

Product datasheet for **SP2137A**

IFNB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FN, IP, WB
Recommended Dilution:	Immunoprecipitation. Western Blot: This antibody detects a band of approximately 20 kDa. Funktional Assays.
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant chicken Interferon Beta
Specificity:	This antibody recognizes Interferon beta (chIFN-beta). This antibody does not cross react with IFN gamma. This antiserum neutralizes chIFN-beta and can be used to discriminate IFN alpha and IFN beta bioactivities.
Formulation:	PBS State: Azide Free State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on protein G
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interferon, beta 1, fibroblast
Database Link:	Entrez Gene 554219 Chicken Q90873



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Background:

Reports suggest that chIFN exhibits properties similar to mammalian IFN type I (IFN1). Functional studies revealed the presence of two distantly related IFN1 genes, designated as IFN alpha and IFN beta, found on chicken chromosome Z. The serological distinction between these two IFNs has been verified using neutralisation assays, and there is evidence that the antiviral activity of chIFN-beta is approximately tenfold less compared to chIFN-alpha. This would suggest that chIFNbeta might have a different physiological role, though chIFN-beta is expressed strongly in virus-infected cells.

Synonyms:

IFN-beta, IFNB1, IFB, Fibroblast interferon