

Interferon gamma Polyclonal Antibody

Catalog No: #42460

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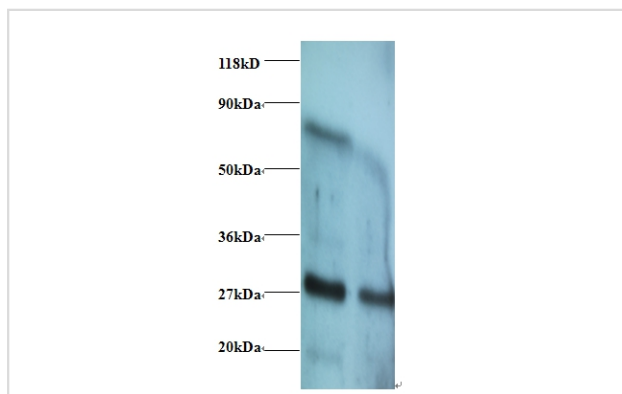
Description

Product Name	Interferon gamma Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Interferon gamma polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Interferon gamma protein
Target Name	Interferon gamma
Other Names	IFNG
Accession No.	Swiss-Prot#: P01579
Uniprot	P01579
GeneID	3458;
Calculated MW	18.3kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes : Interferon gamma antibody at at 2ug/ml
 Lane 1 : EC109 whole cell lysate
 Lane 2 : 293T whole cell lysate
 Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 18.3 kDa
 Observed band size : 27 kDa
 Additional bands at : 70kDa. We are unsure as to the identity of this extra band.

Background

Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

References

[1] "Structure of the human immune interferon gene." Gray P.W., Goeddel D.V. Nature 298:859-863(1982) [2] "Expression of human immune interferon cDNA in E. coli and monkey cells." Gray P.W., Leung D.W., Pennica D., Yelverton E., Najarian R., Simonsen C.C

Note: This product is for in vitro research use only