

IFN-α1 (PN0457) Nb-FC recombinant antibody

Catalog No :	YA0604
Reactivity :	Human
Applications :	ELISA
Target :	IFNa
Fields :	>>Cytokine-cytokine receptor interaction;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>Cytosolic DNA-sensing pathway;>>JAK-STAT signaling pathway;>>Natural killer cell mediated cytotoxicity;>>Alcoholic liver disease;>>Tuberculosis;>>Hepatitis C;>>Hepatitis B;>>Measles;>>Human cytomegalovirus infection;>>Influenza A;>>Human papillomavirus infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>Coronavirus disease - COVID-19;>>Pathways in cancer;>>Autoimmune thyroid disease;>>Lipid and atherosclerosis
Gene Name :	IFNA1/IFNA13
Protein Name :	Interferon alpha-1/13
Human Gene Id :	3439
Human Swiss Prot No :	P01562
Immunogen :	Purified recombinant Human IFNa
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of IFNa protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000

Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Cell Pathway :	Cytokine-cytokine receptor interaction;Regulation of autophagy;Antigen processing and presentation;Toll_Like;RIG-I-like receptor;Cytosolic DNA-sensing pathway;Jak_STAT;Natural killer cell mediated cyt
Background :	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Sep 2011],
Function :	function:Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.,miscellaneous:Interferons alpha-1 and alpha-13 have identical protein sequences.,polymorphism:Two forms exist; alpha-1a (shown here) and alpha-1b.,similarity:Belongs to the alpha/beta interferon family.,
Subcellular Location :	Secreted.

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