



Magic™ Anti-IFN-β monoclonal antibody, clone N29723JO5 (DCABY-4494)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Interferons (IFNs) are proteins made and released by lymphocytes in response to the presence of pathogens-such as viruses, bacteria, or parasites-or tumor cells. They allow communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors.
Immunogen	Interferon beta antibody was raised in mouse using human recombinant full-size interferon beta as the immunogen.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	N29723JO5
Purification	IFN beta antibody was purified by Protein G chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, Immunoassays, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4493 - DCABY-4494
Format	Liquid
Size	1 mg
Buffer	Supplied in PBS, pH 7.4, 0.1 % sodium azide
Preservative	0.1% Sodium Azide

Storage

Store at 4 °C

GENE INFORMATION

Gene Name	IFNB1 interferon, beta 1, fibroblast [Homo sapiens]
Official Symbol	IFNB1
Synonyms	IFNB1; interferon, beta 1, fibroblast; IFB; IFF; IFNB; interferon beta; IFN-beta; fibroblast interferon;
Entrez Gene ID	3456
Protein Refseq	NP_002167
UniProt ID	P01574
Chromosome Location	9p21
Pathway	Cellular Senescence; Cellular responses to stress; Chagas disease; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Cytosolic DNA-sensing pathway; EBV LMP1 signaling;
Function	cytokine activity; type I interferon receptor binding;