



# Magic™ Anti-IFN-β monoclonal antibody, clone N29723JO4 (DCABY-4493)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Interferon beta antibody was raised in mouse using human recombinant full-size interferon beta as the immunogen.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N29723JO4
<b>Purification</b>	IFN beta antibody was purified by Protein G chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Pr*, Immunoassays, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4493 - <a href="#">DCABY-4494</a>
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in PBS, pH 7.4, 0.1 % sodium azide
<b>Preservative</b>	0.1% Sodium Azide

Storage

Store at 4 °C

## GENE INFORMATION

Gene Name	<a href="#">IFNB1 interferon, beta 1, fibroblast [ Homo sapiens ]</a>
Official Symbol	IFNB1
Synonyms	IFNB1; interferon, beta 1, fibroblast; IFB; IFF; IFNB; interferon beta; IFN-beta; fibroblast interferon;
Entrez Gene ID	<a href="#">3456</a>
Protein Refseq	<a href="#">NP_002167</a>
UniProt ID	<a href="#">P01574</a>
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;