



Magic™ Anti-IFNG monoclonal antibody, clone HD9 (DCAB-TJ272)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the type II interferon family. The protein encoded is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. Mutations in this gene are associated with aplastic
Specificity	Interferon gamma.
Immunogen	Recombinant Interferon gamma.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	HD9
Affinity Constant	Not determined
Purification	> 90% pure. Protein A Sepharose chromatography. Purity is tested by electrophoresis.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western Blot. Isolation and purification of recombinant interferon gamma. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwich immunoassay: Capture DCAB-TJ272 Detection DCAB-TJ268
Format	Purified, Liquid

Concentration	4.0 mg/mL (OD280 nm, E0.1% = 1.4)
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	IFNG interferon, gamma [Homo sapiens (human)]
Official Symbol	IFNG
Synonyms	IFNG; interferon, gamma; IFG; IFI; interferon gamma; IFN-gamma; immune interferon; Interferon gamma;
Entrez Gene ID	3458
Protein Refseq	NP_000610
UniProt ID	P01579
Chromosome Location	12q14
Pathway	ATF-2 transcription factor network, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft Rejection, organism-specific biosystem; Allograft rejection, organism-specific b
Function	cytokine activity; interferon-gamma receptor binding