



# Magic™ Anti-IFNG monoclonal antibody, clone HG2 (DCAB-TJ268)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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
<b>Specificity</b>	Interferon gamma
<b>Immunogen</b>	Recombinant Interferon gamma
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	HG2
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A Sepharose Chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>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.</p> <p>Recommended pair for sandwich immunoassay:  Capture DCAB-TJ272  Detection DCAB-TJ268</p>
<b>Format</b>	Purified, Liquid

<b>Concentration</b>	3.0 mg/mL (OD280 nm, E0.1% = 1.4)
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IFNG interferon, gamma [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IFNG
<b>Synonyms</b>	IFNG; interferon, gamma; IFG; IFI; interferon gamma; IFN-gamma; immune interferon; Interferon gamma;
<b>Entrez Gene ID</b>	<a href="#">3458</a>
<b>Protein Refseq</b>	<a href="#">NP_000610</a>
<b>UniProt ID</b>	<a href="#">P01579</a>
<b>Chromosome Location</b>	12q14
<b>Pathway</b>	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
<b>Function</b>	cytokine activity; interferon-gamma receptor binding