



IFN gamma Antibody [NIB42]

Cat. No.: 77-053



Ψ Specifications

HOST SPECIES:	Mouse
SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	Flow, Neut
SPECIFICITY:	The NIB42 monoclonal antibody specifically reacts with human interferon gamma, a multifunctional cytokine that is produced mainly by activated T and NK cells.

Ψ Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/μg of the protein.
CLONALITY:	Monoclonal
ISOTYPE:	Mouse IgG1, kappa
CONJUGATE:	Unconjugated
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, pH7.2.
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	The product should be stored undiluted at 4 °C . Do not freeze.

Additional Info

OFFICIAL SYMBOL:	IFNG
ALTERNATE NAMES:	IFG, IFI, IFNG
GENE ID:	3458
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	The NIB42 monoclonal antibody specifically reacts with human interferon gamma, a multifunctional cytokine that is produced mainly by activated T and NK cells. Interferon gamma has anti-viral and anti-parasitic properties and plays an important role in the activation, growth, and differentiation of macrophages, B and T lymphocytes, and natural killer cells. It interacts synergically with other cytokines, such as TNF-alpha, to inhibit proliferation of normal and transformed cells. The NIB42 antibody neutralizes IFN-gamma.
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