

### 43-1091: Monoclonal Antibody to Human IFN gamma NALE™ Purified (Clone: NIB42)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	NIB42
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	IFNG
<b>Gene ID :</b>	3458
<b>Uniprot ID :</b>	ï¿½P01579
<b>Alternative Name :</b>	Immune interferon
<b>Isotype :</b>	Mouse IgG1, kappa

#### Description

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.

#### Product Info

<b>Amount :</b>	500 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. 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.

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.