

43-1092: Monoclonal Antibody to Mouse IFN gamma NALE™ Purified (Clone: R4-6A2)

Clonality :	Monoclonal
Clone Name :	R4-6A2
Reactivity :	Mouse
Gene :	Ifng
Gene ID :	15978
Uniprot ID :	P01580
Alternative Name :	Interferon gamma
Isotype :	Rat IgG1, kappa

Description

The R4-6A2 monoclonal antibody specifically reacts with mouse interferon gamma (IFN-gamma), an acid-labile interferon produced by CD4 and CD8 T lymphocytes as well as activated NK cells. IFN gamma receptors are present in most immune cells, which respond to its signaling by increasing the surface expression of class I MHC proteins. This promotes the presentation of antigen to T-helper (CD4+) cells. Additionally, it stimulates a number of lymphoid cell functions, including the anti-microbial and anti-tumor responses of macrophages, NK cells, and neutrophils.

Product Info

Amount :	500 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

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.