

Product datasheet for **TA352732**

Interferon gamma (IFNG) Mouse Monoclonal Antibody [Clone ID: MD-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MD-1
Recommended Dilution:	Flow cytometry, Immunohistochemistry
Reactivity:	Human, Macaque
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	IFN-gamma
Formulation:	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.
Concentration:	lot specific
Purification:	Ion exchange chromatography.
Conjugation:	FITC
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16.7 kDa
Gene Name:	interferon, gamma
Database Link:	NP_000610 Entrez Gene 3458 Human P01579

Background: The monoclonal antibody to human IFN- γ (clone MD-1) was first described in 1985. It has shown to neutralize the antiviral activity of both natural and recombinant human IFN- γ and in a Western Blot the antibody reacts with the 20 kDa and 25 kDa polypeptides present in natural human IFN- γ (van der Meide P.H. et al. 1985). The antibody has proven to cross react with chimpanzee and rhesus macaque IFN- γ and can be used for immunohistochemical staining of frozen tissues (Jonker M. et al. 2013 and Kap Y. et al. 2009). The MD-1 antibody has been reported for use in intracellular flow cytometric analysis (Hamann D. et al. 1996). Other available formats: unconjugated and biotin labeled.

Synonyms: IFG; IFI



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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Allograft rejection, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Proteasome, Regulation of autophagy, Systemic lupus erythematosus, T cell receptor signaling pathway, TGF-beta signaling pathway, Type I diabetes mellitus