Datasheet for ABIN6961469

anti-Interferon gamma antibody

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Overview

Quantity:	100 µg
Target:	Interferon gamma (IFNG)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Functional Studies (Func), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	XMG1-2
Isotype:	IgG1 kappa
Purification:	This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.
Endotoxin Level:	Low endotoxin: < 0.01 EU/ug

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFN gamma (IFNG Products)

Target Details

Background:	The XMG1.2 antibody is specific for mouse Interferon-gamma (IFN-g), a 20 kDa type II cytokine known for its central roles in protection against bacterial or viral pathogens and for its anti-tumor properties. IFN-g is secreted by several types of immune cells, which allow the cytokine to modulate innate immunity, when secreted by NK and NKT cells, and to function in support of adaptive immunity when secreted by Th1 and CD8+ T cells (CTLs).The XMG1.2 antibody is suitable for detection of intracellular IFN-g protein, e.g. by flow cytometry, as well as for quantitative analysis of the secreted protein by ELISA, when paired with an appropriate secondary antibody. This clone is also widely used for neutralization of the functional activity of IFN-g in a variety of assays.
Gene ID:	15978
UniProt:	P01580
Pathways:	Interferon-gamma Pathway, Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, ER-Nucleus Signaling, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus, Autophagy

Application Details

Application Notes:	This purified format is guaranteed to be >90 % pure as determined by SDS-PAGE analysis.
Comment:	2 mg/mL
Restrictions:	For Research Use only

Handling

Buffer:	10 mM NaH2PO4, 150 mM NaCl, pH 7.2
Preservative:	Azide free
Storage:	4 °C
Storage Comment:	2-8°C
Expiry Date:	12 months