

IFN gamma Monoclonal Antibody (XMG1.2), PE-Cyanine7

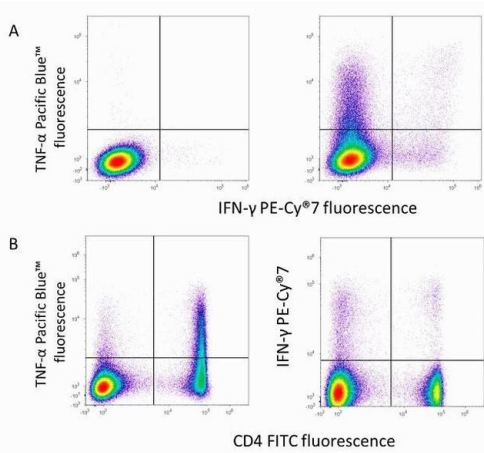
Product Details	
Size	25 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	XMG1.2
Conjugate	PE-Cyanine7
Immunogen	E.coli-expressed recombinant mouse IFN gamma
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	4° C
RRID	AB_2535497

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	-

Product Images For IFN gamma Monoclonal Antibody (XMG1.2), PE-Cyanine7

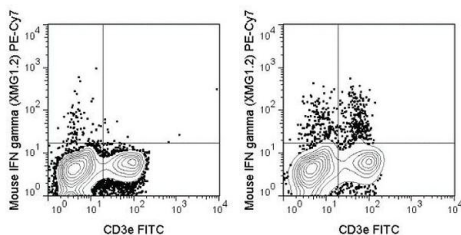
IFN gamma Antibody (A18713) in Flow

C57BL/6 splenocytes were left unstimulated or stimulated for 5 hours with phorbol myristate acetate (PMA) and ionomycin in the presence of brefeldin A. Cells were then surface-stained with anti-mouse CD4 FITC (Cat. No. MCD0401) and subsequently fixed and permeabilized using the FIX & PERM® Cell Permeabilization Kit (Cat. nos. GAS003 or GAS004) and stained intracellularly with anti-mouse interferon gamma (IFN-gamma) PE-Cy®7 conjugate (Cat. no. A18713) and anti-mouse tumor necrosis factor alpha (TNF- α) Pacific Blue™ conjugate (Cat. no. RM90128). Samples were collected using the Attune® Acoustic Focusing Cytometer (blue/violet) with 488 nm excitation and 530/30 nm bandpass emission filter to detect FITC, and 640 nm longpass filter to detect PE-Cy®7 conjugate. 405 nm excitation and 450/40 nm bandpass emission filter were used to detect the Pacific Blue™ fluorescence. PANEL A: IFN-gamma and TNF- α co-staining of total mouse splenocytes that were left unstimulated (left panel) or stimulated (right panel) with PMA and ionomycin in the presence of brefeldin A. PANEL B: CD4 T cell expression of TNF- α (left panel) and IFN-gamma (right panel) after stimulation with the above stated conditions.



IFN gamma Antibody (A18713) in Flow

C57Bl/6 splenocytes were stimulated with PMA and Ionomycin (right panel) or unstimulated (left panel) and then stained with FITC Anti-Mouse CD3e (A18644), followed by intracellular staining with 0.125 μ g PE-Cy®7 Anti-Mouse IFN gamma (A18713).



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