



Rat Anti-Mouse IFN Hybridoma [XMG1.2] (CSC-H3086)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	MouseIFN- γ
Source/Host	Rat
Isotype	IgG1
Species	Mouse
Clone	XMG1.2
Storage	Liquid nitrogen
Ship	Dry ice
Immunological Donor	Rat spleen
Cell Line Description	The hybridoma cell line produces monoclonal antibody recognizing Mouse IFN- γ .
Growth Properties	Suspension
Morphology	Lymphoblast
Safety Considerations	The following safety precautions should be observed. 1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum. 2. No eating, drinking or smoking while handling the hybridoma. 3. Wash hands after handling the hybridoma and before leaving the lab. 4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma. 5. All waste should be considered hazardous. 6. Dispose of all liquid waste after each experiment and treat with bleach.

BACKGROUND

Introduction This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active

protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mice deficient in this gene have increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.

GENE INFORMATION

Entrez Gene ID [15978](#)

mRNA Refseq NM_008337.4

Protein Refseq NP_032363.1

UniProt ID [P01580](#)
