10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-IFNAR1-FITC-labled

Catalog # AP101618

Product Information

Application	FC, IF/IC
Primary Accession	P33896
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	65796

Additional Information

Gene ID	15975
Other Names	IFNAR; Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1; Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; CRF2-1; Type I interferon receptor 1
Target/Specificity	Recognizes mouse IFNAR1
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Ifnar1
Synonyms	Ifar, Ifnar
Function	Together with IFNAR2, forms the heterodimeric receptor for type I interferons (including interferons alpha, beta, epsilon, omega and kappa) (PubMed:14532120, PubMed:1533935, PubMed:24075985). Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits themselves (By similarity). STAT proteins are then phosphorylated by the JAKs, promoting their translocation into the nucleus to regulate expression of interferon-regulated genes (By similarity). Can also act independently of IFNAR2: form an active IFNB1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway (PubMed:23872679).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Late endosome. Lysosome Note=Interferon binding triggers internalization of the receptor from the cell membrane into endosomes and then into lysosomes

Background

FITC-labled mouse monoclonal antibody to IFNAR1

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.