

Anti-Mouse IFNAR1 Antibody (MAR1-5A3)

Cat. No.:	HY-P99137
Target:	IFNAR
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Anti-Mouse IFNAR1 Antibody (MAR1-5A3) is a neutralizing antibody of IFNAR1. Anti-Mouse IFNAR1 Antibody (MAR1-5A3) reacts with IFNAR1 and inhibits IFNAR1 signaling in vitro and in vivo. Mouse IgG1 kappa, Isotype Control (HY-P99977) is the isotype control of Anti-Mouse IFNAR1 Antibody (MAR1-5A3) ^{[1][2]} .
In Vitro	Anti-Mouse IFNAR1 Antibody (MAR1-5A3) (20 µg/ml, 18 h) inhibits IFNAR1 signaling in Bone marrow-derived macrophages ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Anti-Mouse IFNAR1 Antibody (MAR1-5A3) (250-500 µg/mouse for i.p.) inhibits IFNAR1 signaling in WT mice model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Macal M, et al. Self-Renewal and Toll-like Receptor Signaling Sustain Exhausted Plasmacytoid Dendritic Cells during Chronic Viral Infection. *Immunity*. 2018 Apr 17;48(4):730-744.e5.

[2]. Schliehe C, et al. The methyltransferase Setdb2 mediates virus-induced susceptibility to bacterial superinfection. *Nat Immunol*. 2015 Jan;16(1):67-74.

Caution: Product has not been fully validated for medical applications. For research use only.

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