

anti- RSAD2 antibody

Product Information

Catalog No.:	FNab07504
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Interferon-inducible iron-sulfur(4FE-4S) cluster-binding antiviral protein which plays a major role in the cell antiviral state induced by type I and type II interferon. Can inhibit a wide range of DNA and RNA viruses, including human cytomegalovirus(HCMV), hepatitis C virus(HCV), west Nile virus(WNV), dengue virus, sindbis virus, influenza A virus, sendai virus, vesicular stomatitis virus(VSV), and human immunodeficiency virus(HIV-1). Displays antiviral activity against influenza A virus by inhibiting the budding of the virus from the plasma membrane by disturbing the lipid rafts. This is accomplished, at least in part, through binding and inhibition of the enzyme farnesyl diphosphate synthase(FPPS), which is essential for the biosynthesis of isoprenoid-derived lipids. Promotes TLR7 and TLR9-dependent production of IFN-beta production in plasmacytoid dendritic cells(pDCs) by facilitating Lys-63'-linked ubiquitination of IRAK1. Plays a role in CD4+ T-cells activation and differentiation. Facilitates T-cell receptor(TCR)-mediated GATA3 activation and optimal T-helper 2(Th2) cytokine production by modulating NFkB1 and JUNB activities. Can inhibit secretion of soluble proteins.

Immunogen information

Immunogen:	radical S-adenosyl methionine domain containing 2
Synonyms:	2510004L01Rik, cig33, cig5, RSAD2, vig1, Viperin
Observed MW:	45 kDa

Wuhan Fine Biotech Co., Ltd.

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Uniprot ID : Q8WXG1

Application

Reactivity: Human, Mouse

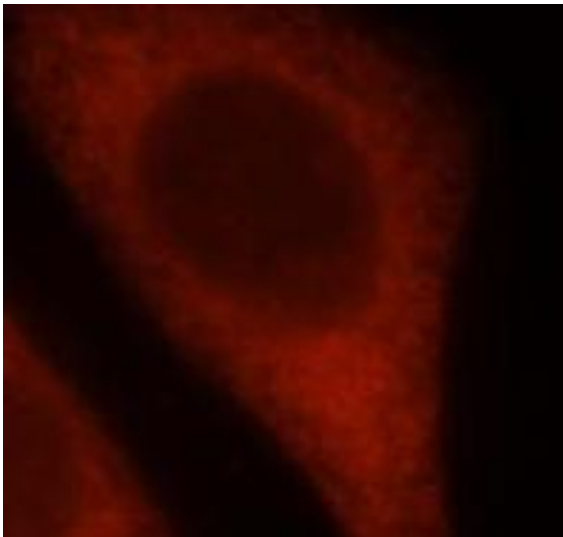
Tested Application: ELISA, WB, IF, IHC

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human skin using FNab07504(RSAD2 antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells, using RSAD2 antibody FNab07504 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

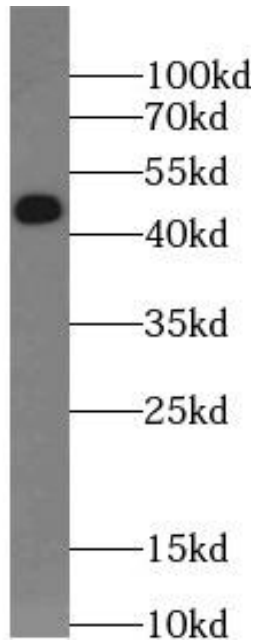
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A549 cells were subjected to SDS PAGE followed by western blot with FNab07504(RSAD2 antibody) at dilution of 1:500