

anti- IRF9 antibody

Product Information

Catalog No.:	FNab04397
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

Transcription factor that mediates signaling by type I IFNs(IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jakkinases(TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. IRF9/ISGF3G associates with the phosphorylated STAT1:STAT2 dimer to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element(ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

Immunogen information

Immunogen:	interferon regulatory factor 9
Synonyms:	interferon regulatory factor 9, IRF 9, IRF9, ISGF 3 gamma, ISGF3, ISGF3 p48 subunit, ISGF3G, p48
Observed MW:	48kd
UniprotID :	Q00978

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

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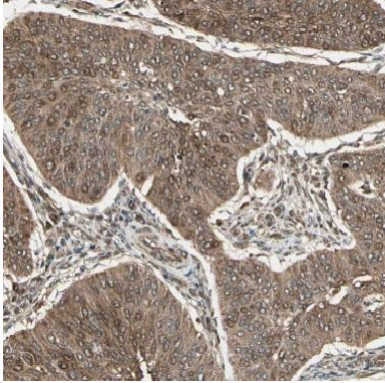
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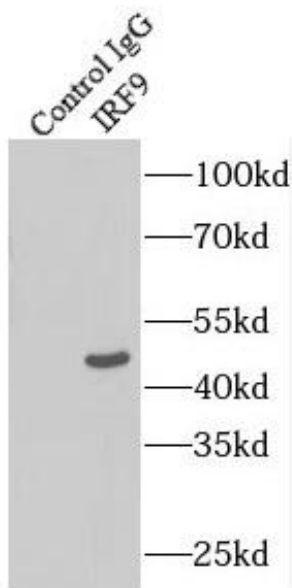
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:1000; IP: 1:500-1:1000; IHC: 1:50-1:500; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human cervical cancer using FNab04397(IRF9 antibody) at dilution of 1:50



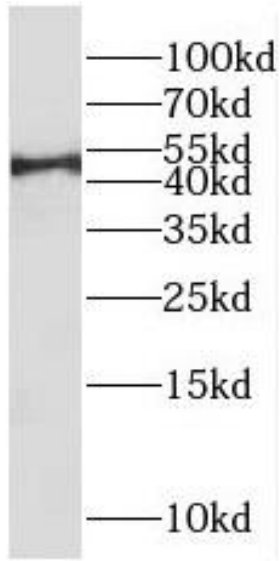
IP Result of anti-IRF9 (IP:FNab04397, 4ug; Detection:FNab04397 1:500) with mouse heart tissue lysate 3200ug.

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mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab04397(IRF9 antibody) at dilution of 1:500