

Datasheet for ABIN655818  
**anti-IRF9 antibody (AA 75-104)**



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4 Images

## Overview

Quantity:	400 µL
Target:	IRF9
Binding Specificity:	AA 75-104
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This IRF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-104 amino acids of human IRF9.
Clone:	RB19229
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IRF9
Alternative Name:	IRF9 ( <a href="#">IRF9 Products</a> )

## Target Details

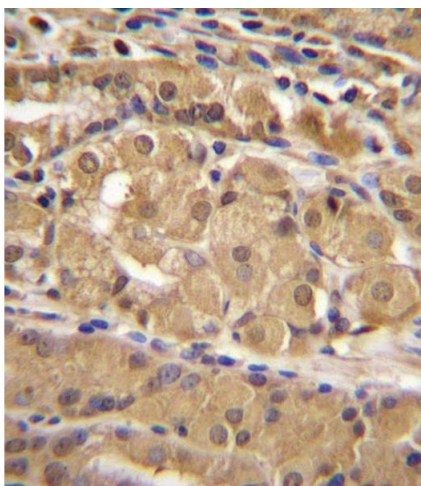
Background:	IRF9 is a transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G 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.
Molecular Weight:	43696
Gene ID:	10379
NCBI Accession:	<a href="#">NP_006075</a>
UniProt:	<a href="#">Q00978</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Hepatitis C</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only

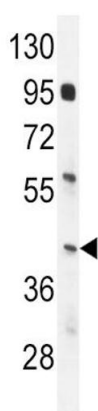
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



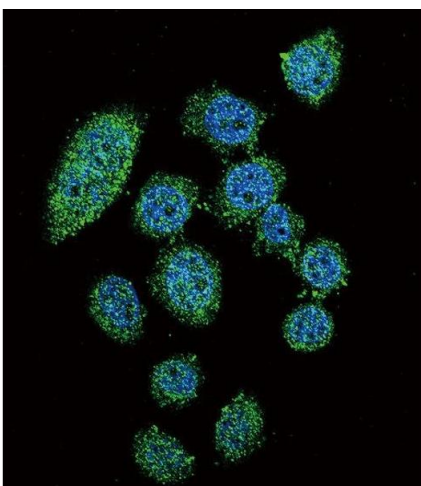
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** IRF9 Antibody (N-term) (ABIN655818 and ABIN2845242) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IRF9 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** IRF9 Antibody (N-term) (ABIN655818 and ABIN2845242) western blot analysis in mouse spleen tissue lysates (35 µg/lane). This demonstrates the IRF9 antibody detected the IRF9 protein (arrow).



#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of IRF9 Antibody (N-term) (ABIN655818 and ABIN2845242) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655818.