



[Go to Product page](#)

Datasheet for ABIN165416

anti-IRF5 antibody

3 Images

Overview

Quantity:	100 µL
Target:	IRF5
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant IRF-5, Accession / GI number: NP_002191
Clone:	10T1
Isotype:	IgG2b kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

Target Details

Target:	IRF5
Alternative Name:	IRF-5 (IRF5 Products)
Background:	<p>Interferon regulatory factor 5(IRF-5) is a member of IRF family, which plays a critical role in the regulation of genes induced by viral infection, immunostimulation and cell growth regulation.</p> <p>The expression of IRF-5 is limited to lymphoid organs, dendritic cells, and peripheral blood lymphocytes, but is not expressed in numerous leukemia and lymphoma cell lines. Three</p>

Target Details

IRFs(IRF-3, IRF-5, IRF-7) function as direct transducers of virus-mediated signaling and play a critical role in the expression of type I interferon genes and some chemokines.

Pathways: [TLR Signaling](#), [Autophagy](#)

Application Details

Application Notes: Recommended dilution 1:1000(W.B), (IP), (ICC)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1mg/ml

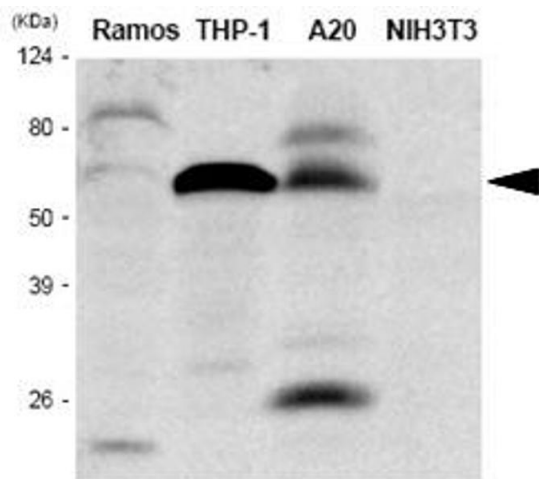
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

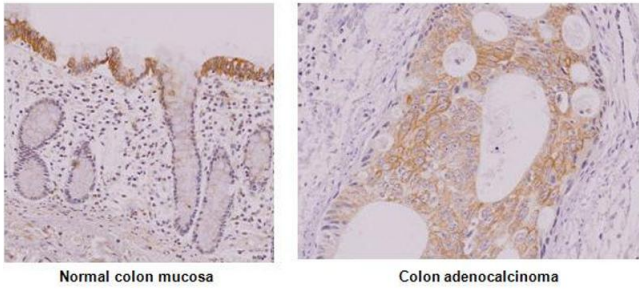
Storage: -20 °C

Images



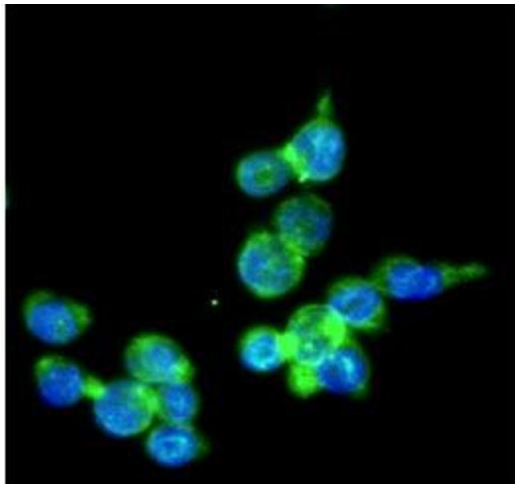
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Paraffin embedded sections of normal colon mucosa and colon adenocarcinoma tissue were incubated with anti-human IRF-5 antibody (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).



Immunofluorescence

Image 3. ICC/IF analysis of IRF5 in THP-1 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human THP-1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of IRF5 in Raw264.7 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human IRF5 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).