

IRF5

Mouse Anti-Human Interferon Regulatory Factor 5 Clone 10T1 mAb

Catalog No.	CS115561A CS115561B	Quantity:	50 µl 100 µl
Alternate Names:	SLEB10		
Description:	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, immuno-stimulation and cell growth regulation. 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 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.		
Concentration:	1 mg/ml		
Protein Accession No.:	NP_002191		
Host:	Mouse		
Immunogen:	Recombinant human IRF-5 (aa 176-240) purified from <i>E. coli</i>		
Isotype:	Mouse IgG ₁ , heavy chain and κ light chain		
Clone:	Anti-human IRF-5 mAb, clone 10T1, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IRF-5 protein.		
Formulation:	Liquid. Supplied in Phosphate-Buffered Saline (pH 7.4) with 0.1% Sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	By protein-G affinity chromatography		
Reacts With:	Human, Mouse		
Applications:	ELISA, WB (Cell lysate), Immunoprecipitation, immunohistochemistry		
Application Notes:	The antibody has been tested by ELISA, Western blot, IP, and immunohistochemical analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:1,000. Recommended starting dilution is 1:1,000.		
Storage & Stability:	Can be stored at +4C. For long term storage, aliquot and store at -20C. Avoid repeated freezing and thawing cycles.		



Western Blot Analysis: The extracts of Ramos, THP-1, A20 and NIH3T3 were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human IRF-5 antibody (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

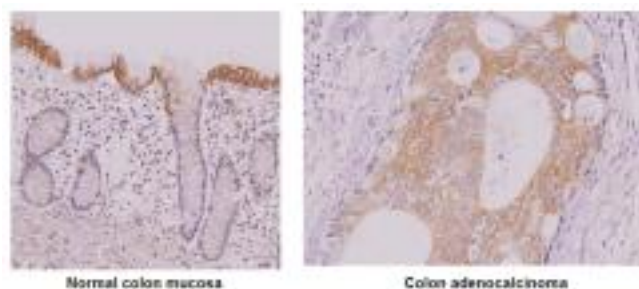
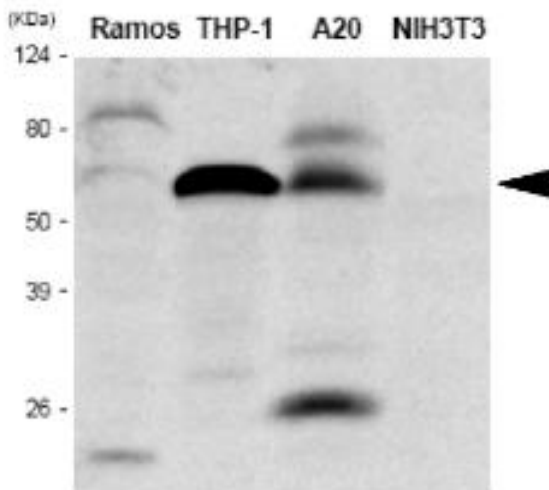
Immunohistochemistry: Paraffin embedded sections of normal colon mucosa and colon adenocarcinoma tissue were incubated with anti-human IRF-5 antibody (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1 M sodium citrate buffer and detected using Diaminobenzidine (DAB).

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