

Product Name: IRF3 Mouse Monoclonal Antibody**Catalog #: AMM82968**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	47.2kDa

Antigen Information

Gene Name	IRF3
Alternative Names	IIE7
Gene ID	3661.0
SwissProt ID	Q14653
Immunogen	Purified recombinant fragment of human IRF3 (AA: 1-150) expressed in HEK293-6e cells supernatant.

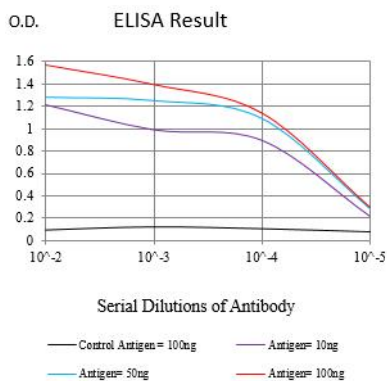
Background

This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex

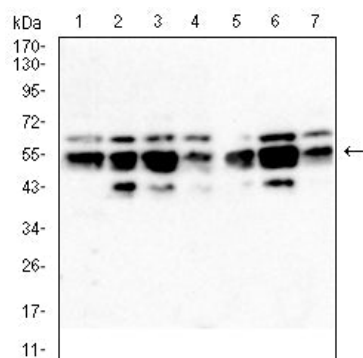
translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7.

Research Area

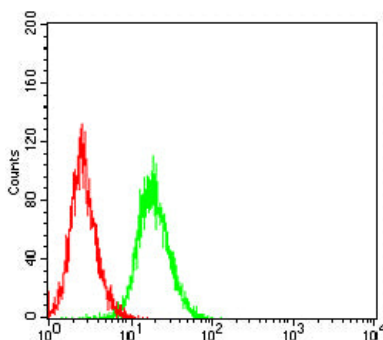
Image Data



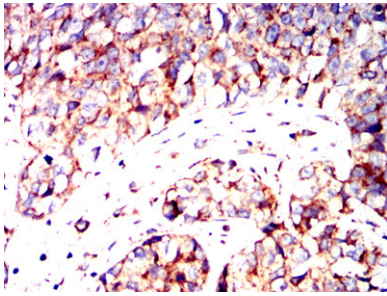
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



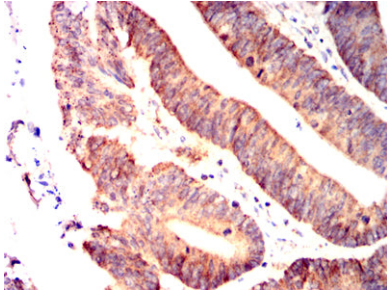
Western blot analysis using IRF3 mouse mAb against THP-1 (1), HeLa (2), A549 (3), MCF-7 (4), K562 (5), Jurkat (6) and A431 (7) cell lysate.



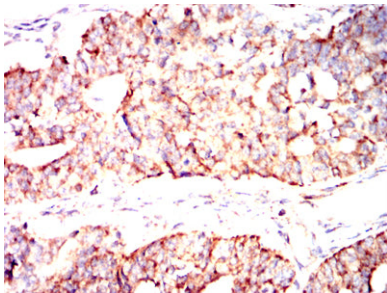
Flow cytometric analysis of HeLa cells using IRF3 mouse mAb (green) and negative control (red).



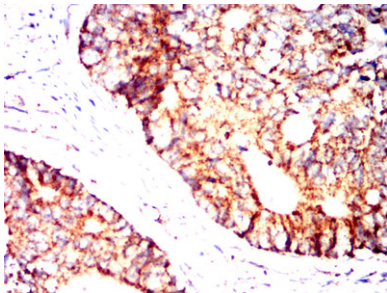
Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using IRF3 mouse mAb with DAB staining.



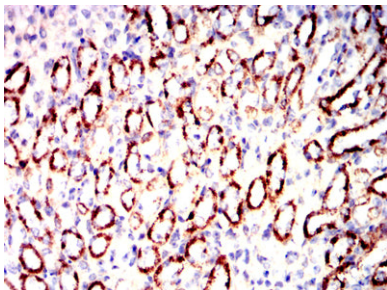
Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using IRF3 mouse mAb with DAB staining.



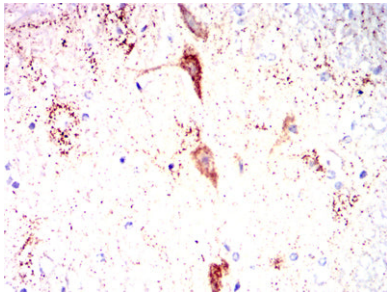
Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using IRF3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using IRF3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissues using IRF3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse brain tissues using IRF3 mouse mAb with DAB staining.