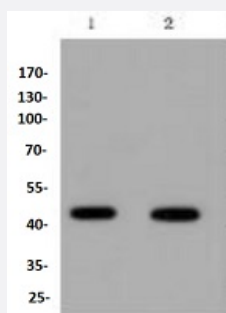


RecomAb™

IRF1 recombinant monoclonal antibody

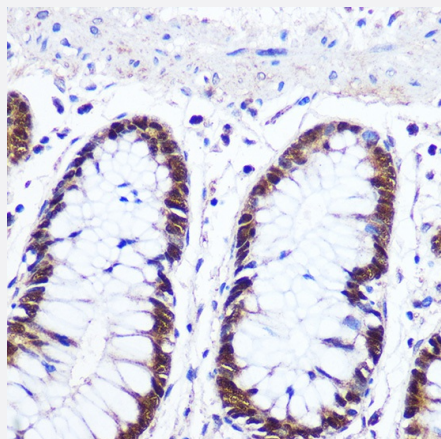
Catalog # RAB02393 Size 100 uL

Applications



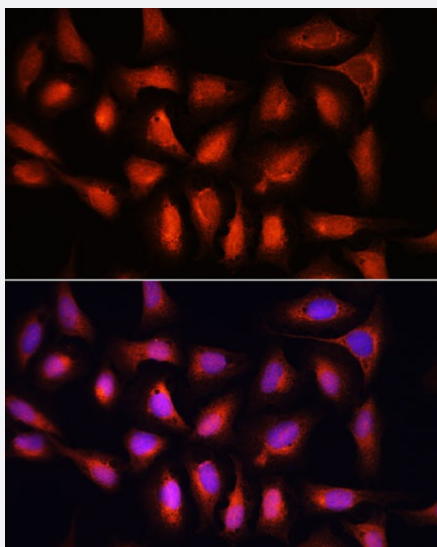
Western Blot (Cell lysate)

Western blot analysis of Lane1: PC12 whole cell lysate, Lane2:Jurkat whole cell lysate with IRF1 recombinant monoclonal antibody (Cat # RAB02393) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using IRF1 recombinant monoclonal antibody (Cat # RAB02393). Counter stained with hematoxylin.



Immunofluorescence

Immunofluorescence analysis of U-2 OS cells using IRF1 recombinant monoclonal antibody (Cat # RAB02393) at dilution of 1:100. Blue: DAPI for nuclear staining.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant IRF1.
Antibody Species	Rabbit
Theoretical MW (kDa)	37, 48
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of IRF1 and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:2000)
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane1: PC12 whole cell lysate, Lane2: Jurkat whole cell lysate with IRF1 recombinant monoclonal antibody (Cat # RAB02393) at 1:1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using IRF1 recombinant monoclonal antibody (Cat # RAB02393). Counter stained with hematoxylin.

- Immunocytochemistry

- Immunofluorescence

Immunofluorescence analysis of U-2 OS cells using IRF1 recombinant monoclonal antibody (Cat # RAB02393) at dilution of 1:100. Blue: DAPI for nuclear staining.

Gene Info — IRF1

Entrez GeneID	3659
Protein Accession#	P10914
Gene Name	IRF1
Gene Alias	IRF-1, MAR
Gene Description	interferon regulatory factor 1
Omim ID	137215 147575 153550
Gene Ontology	Hyperlink
Gene Summary	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression. [provided by RefSeq]
Other Designations	interferon regulatory factor-1

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lung Neoplasms](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Psoriasis](#)

- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Thrombosis](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)