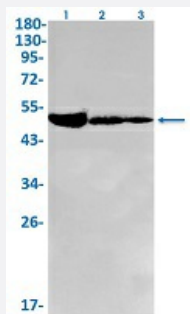


RecomAb™

IRF1 recombinant monoclonal antibody, clone R08-1B4

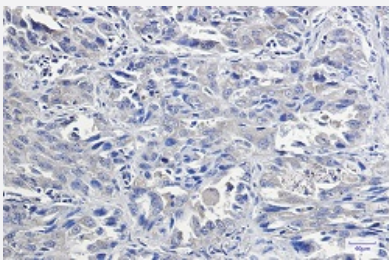
Catalog # RAB02161 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: 3T3 lysates with IRF1 recombinant monoclonal antibody, clone R08-1B4 (Cat # RAB02161).



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

Immunohistochemical staining (Formalin/PFA-fixed paraffin-embedded sections) of human lung cancer with IRF1 recombinant monoclonal antibody, clone R08-1B4 (Cat # RAB02161). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IRF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human IRF1.
Theoretical MW (kDa)	Calculated MW: 37 kD
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: 3T3 lysates with IRF1 recombinant monoclonal antibody, clone R08-1B4 (Cat # RAB02161).

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

Immunohistochemical staining (Formalin/PFA-fixed paraffin-embedded sections) of human lung cancer with IRF1 recombinant monoclonal antibody, clone R08-1B4 (Cat # RAB02161). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunofluorescence

- Immunoprecipitation

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](#)