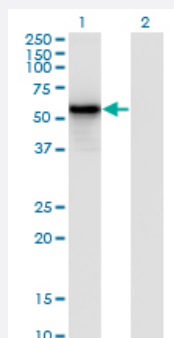


IRF3 monoclonal antibody (M10), clone 3C8

Catalog # H00003661-M10

Size 100 ug

Applications

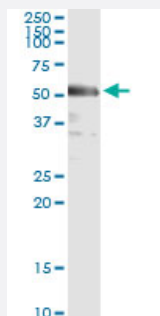


Western Blot (Transfected lysate)

Western Blot analysis of IRF3 expression in transfected 293T cell line by IRF3 monoclonal antibody (M10), clone 3C8.

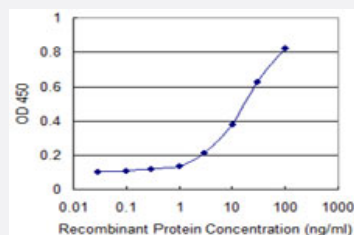
Lane 1: IRF3 transfected lysate (47.2 KDa).

Lane 2: Non-transfected lysate.



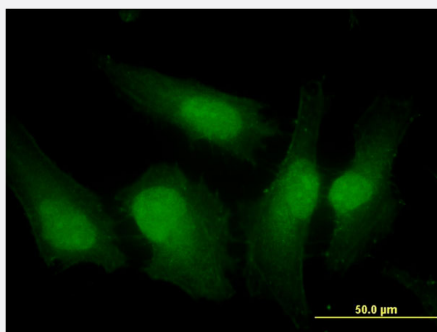
Immunoprecipitation

Immunoprecipitation of IRF3 transfected lysate using anti-IRF3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IRF3 MaxPab rabbit polyclonal antibody.



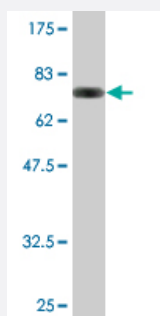
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IRF3 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to IRF3 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (75.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IRF3.
Immunogen	IRF3 (AAH09395, 1 a.a. ~ 452 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIPWKHGLRQDAQQEDFGIFQAWAEATGAY VPGRDKPDLPTWKRNFSAISRKEGLRLAEDRSKDPHDPHKIYEFVNSGVGDFSQPDTSPTDN GGGSTSDTQEDILDELLGNMVLAPLPDPGPPSLAVAPEPCPQPLRSPSLDNPTFPNLGPSENP LKRLVPGEEWEFEVTAFYRGRQVFQQTISCPEGLRLVGSEVGDRTPGWPVTLDPGMSLTDR GVMSYVRHVLSCGGGLALWRAGQWLWAQRLGHCHTYWAVSEELLPNSGHGPDGEVPGKKE GGVFDLGPFGVGSWAPRSDYLHGRKRTLTLCLPLVLCGGVMAPGPAVDQEARDGQGCAHVPQG LGRNGPGRGCLLPGEYCGPAHFQQPPTLPHLRPVQQLPAGLGGGHGFPGPWGDLSPRSSWCA SNPPVPHHLNQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.24 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of IRF3 expression in transfected 293T cell line by IRF3 monoclonal antibody (M10), clone 3C8.

Lane 1: IRF3 transfected lysate(47.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of IRF3 transfected lysate using anti-IRF3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IRF3 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IRF3 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to IRF3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — IRF3

Entrez GeneID	3661
---------------	----------------------

GeneBank Accession#	BC009395
---------------------	--------------------------

Protein Accession#	AAH09395
--------------------	--------------------------

Gene Name	IRF3
-----------	------

Gene Alias	-
------------	---

Gene Description	interferon regulatory factor 3
------------------	--------------------------------

Omim ID [603734](#)

Gene Ontology [Hyperlink](#)

Gene Summary IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 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. [provided by RefSeq]

Other Designations -

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Neutropenia](#)
- [Papillomavirus Infections](#)

- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thrombocytopenia](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)