

**IRF5 Antibody (monoclonal) (M03)****Mouse monoclonal antibody raised against a partial recombinant IRF5.****Catalog # AT2547a****Specification**

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**IRF5 Antibody (monoclonal) (M03) - Product Information**

Application	WB, IF, IP, E
Primary Accession	<a href="#">Q13568</a>
Other Accession	<a href="#">NM_002200</a>
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	56044

**IRF5 Antibody (monoclonal) (M03) - Additional Information****Gene ID** 3663**Other Names**

Interferon regulatory factor 5, IRF-5, IRF5

**Target/Specificity**

IRF5 (NP\_002191, 395 a.a. ~ 504 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

IP~~N/A

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

IRF5 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

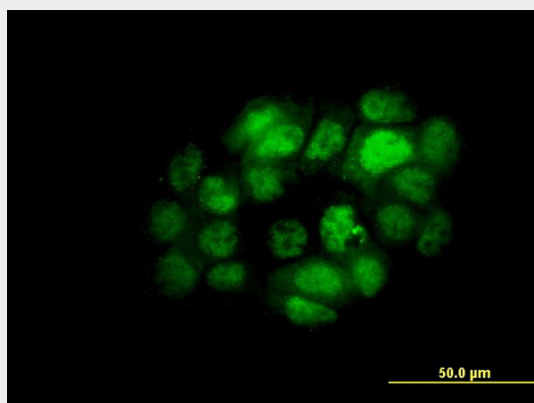
**IRF5 Antibody (monoclonal) (M03) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

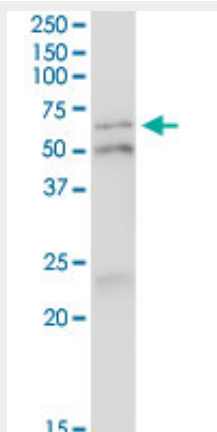
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

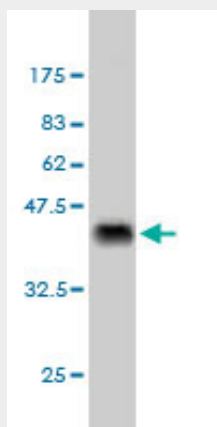
#### IRF5 Antibody (monoclonal) (M03) - Images



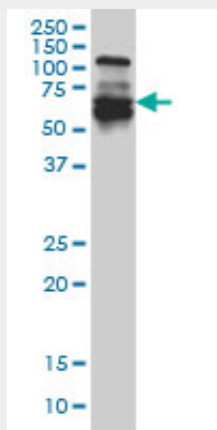
Immunofluorescence of monoclonal antibody to IRF5 on A-431 cell. [antibody concentration 10 ug/ml]



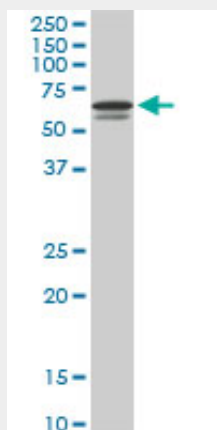
Immunoprecipitation of IRF5 transfected lysate using anti-IRF5 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with IRF5 MaxPab mouse polyclonal antibody.



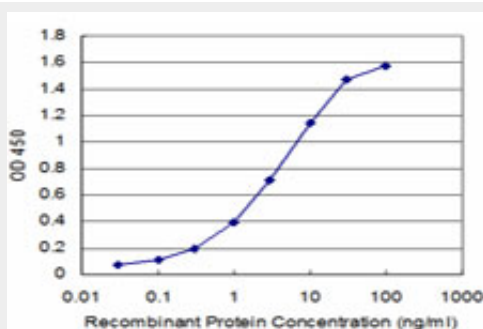
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



IRF5 monoclonal antibody (M03), clone 1H6 Western Blot analysis of IRF5 expression in A-431 (Cat # AT2547a )



IRF5 monoclonal antibody (M03), clone 1H6. Western Blot analysis of IRF5 expression in NIH/3T3 (Cat # AT2547a )



Detection limit for recombinant GST tagged IRF5 is approximately 0.1ng/ml as a capture antibody.

### IRF5 Antibody (monoclonal) (M03) - Background

This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Multiple transcript variants encoding different isoforms have been found for this gene,

and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment.

#### **IRF5 Antibody (monoclonal) (M03) - References**

Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. Liu X, et al. Nat Genet, 2010 Aug. PMID 20639880. Variants at IRF5-TNPO3, 17q12-21 and MMEL1 are associated with primary biliary cirrhosis. Hirschfield GM, et al. Nat Genet, 2010 Aug. PMID 20639879. Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Genetic Differences between Five European Populations. Moskvina V, et al. Hum Hered, 2010 Jul 8. PMID 20616560. Dengue hemorrhagic fever is associated with polymorphisms in JAK1. Silva LK, et al. Eur J Hum Genet, 2010 Jun 30. PMID 20588308.