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IRF5 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant IRF5.
Catalog # AT2547a

Product Information

Application	WB, IF, IP, E
Primary Accession	Q13568
Other Accession	NM_002200
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1H6
Calculated MW	56044

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.

Background

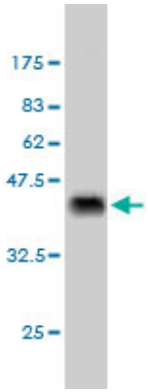
This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized 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.

References

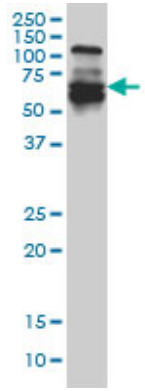
Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. Liu X, et al. Nat

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 Thiazolinedinedione-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.

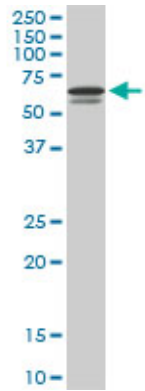
Images



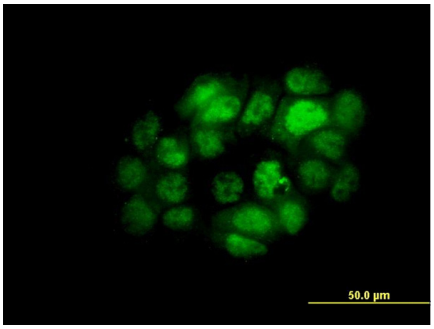
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



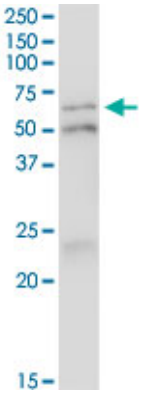
IRF5 monoclonal antibody (M03), clone 1H6 Western Blot analysis of IRF5 expression in A-431 ((Cat # AT2547a)



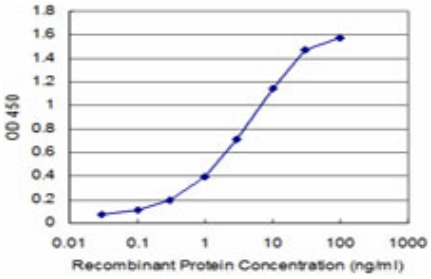
IRF5 monoclonal antibody (M03), clone 1H6. Western Blot analysis of IRF5 expression in NIH/3T3((Cat # AT2547a)



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.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.