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IRF5 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant IRF5.
Catalog # AT2548a

Product Information

Application	WB, IHC, IF
Primary Accession	Q13568
Other Accession	NM_002200
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D4
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 IHC~~1:100~500 IF~~1:50~200
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) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

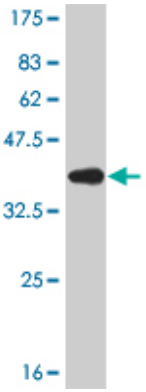
This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized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

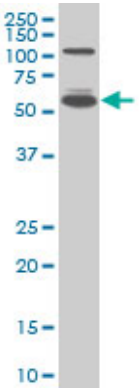
Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. Liu X, et al. Nat

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.

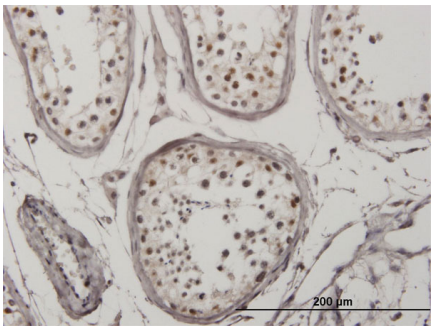
Images



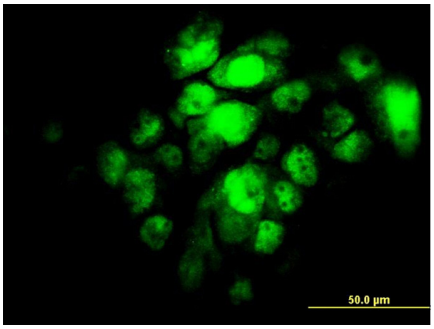
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



IRF5 monoclonal antibody (M05), clone 2D4 Western Blot analysis of IRF5 expression in A-431 ((Cat # AT2548a)



Immunoperoxidase of monoclonal antibody to IRF5 on formalin-fixed paraffin-embedded human testis. [antibody concentration 0.8 ug/ml]



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

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