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IRF1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IRF1.
Catalog # AT2540a

Product Information

Application	WB, E
Primary Accession	P10914
Other Accession	NM_002198
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2E5
Calculated MW	36502

Additional Information

Gene ID	3659
Other Names	Interferon regulatory factor 1, IRF-1, IRF1
Target/Specificity	IRF1 (NP_002189, 216 a.a. ~ 325 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	IRF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

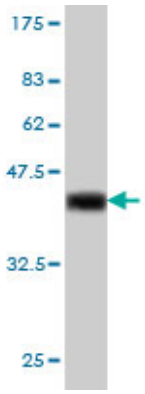
IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions 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-suppressoion.

References

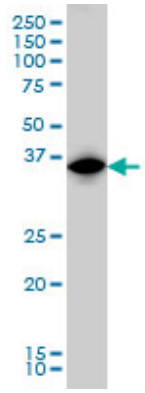
1.Defining critical roles for NF-?eB p65 and type I interferon in innate immunity to rhinovirus.Bartlett NW, Slater L, Glanville N, Haas JJ, Caramori G, Casolari P, Clarke DL, Message SD, Aniscenko J, Kebadze T, Zhu J,

Mallia P, Mizgerd JP, Belvisi M, Papi A, Kotenko SV, Johnston SL, Edwards MR.EMBO Mol Med. 2012 Dec;4(12):1244-60. doi: 10.1002/emmm.201201650. Epub 2012 Nov 14.

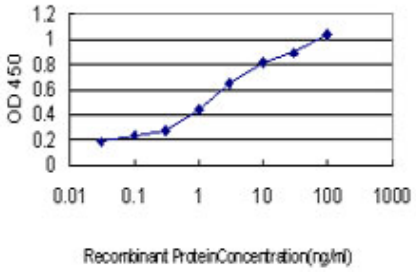
Images



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



IRF1 monoclonal antibody (M01), clone 2E4 Western Blot analysis of IRF1 expression in COLO 320 HSR ((Cat # AT2540a)



Detection limit for recombinant GST tagged IRF1 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'.