

# IRF1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IRF1.

Catalog # AT2540a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P10914</a>
<b>Other Accession</b>	<a href="#">NM_002198</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	2E5
<b>Calculated MW</b>	36502

## Additional Information

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<b>Gene ID</b>	3659
<b>Other Names</b>	Interferon regulatory factor 1, IRF-1, IRF1
<b>Target/Specificity</b>	IRF1 (NP_002189, 216 a.a. ~ 325 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	IRF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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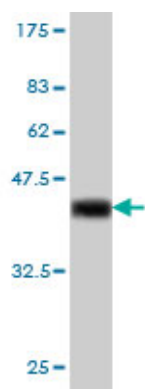
IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions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

## References

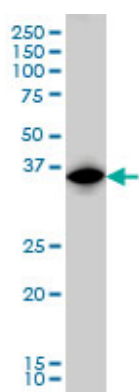
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1. Defining critical roles for NF- $\kappa$ B p65 and type I interferon in innate immunity to rhinovirus. Bartlett NW, Slater L, Glanville N, Haas JJ, Caramori G, Casolari P, Clarke DL, Message SD, Aniscenko J, Keadze T, Zhu J,

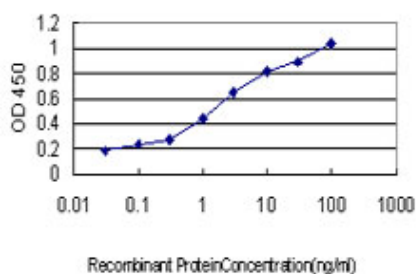
## Images



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 0.1 ng/ml as a capture antibody.

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