

IRF1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant IRF1.****Catalog # AT2540a****Specification**

IRF1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P10914
Other Accession	NM_002198
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	36502

IRF1 Antibody (monoclonal) (M01) - 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.

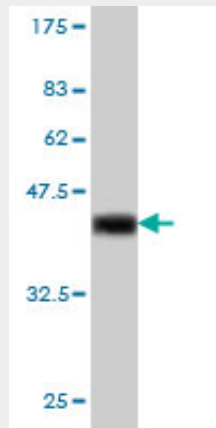
IRF1 Antibody (monoclonal) (M01) - Protocols

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

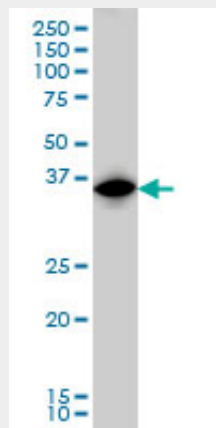
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

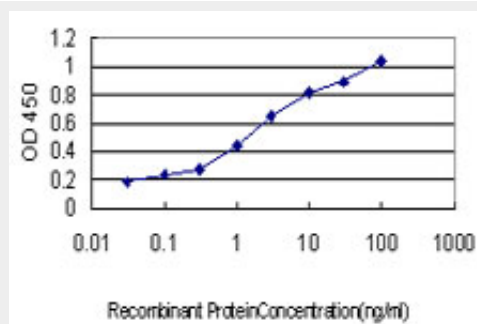
IRF1 Antibody (monoclonal) (M01) - Images



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.

IRF1 Antibody (monoclonal) (M01) - 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-suppression.

IRF1 Antibody (monoclonal) (M01) - References

1. Defining critical roles for NF- κ 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, 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.