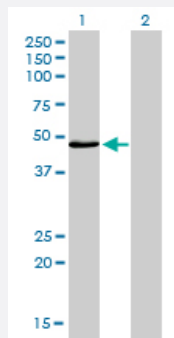


IRF4 monoclonal antibody (M05), clone 2D1

Catalog # H00003662-M05

Size 100 ug

Applications

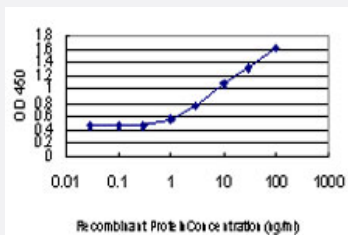


Western Blot (Transfected lysate)

Western Blot analysis of IRF4 expression in transfected 293T cell line by IRF4 monoclonal antibody (M05), clone 2D1.

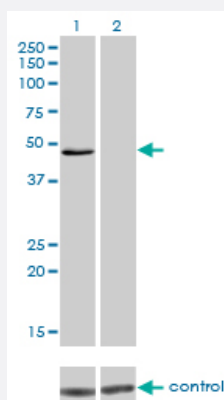
Lane 1: IRF4 transfected lysate (51.8 kDa).

Lane 2: Non-transfected lysate.



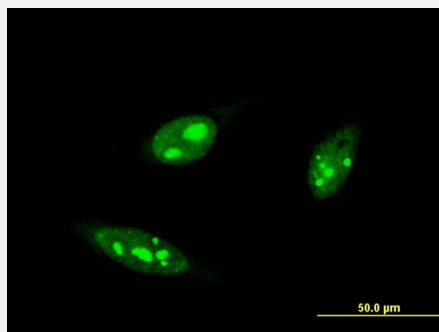
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IRF4 is approximately 0.03 ng/ml as a capture antibody.



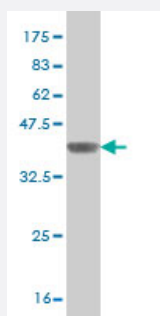
RNAi Knockdown (Antibody validated)

Western blot analysis of IRF4 over-expressed 293 cell line, cotransfected with IRF4 Validated Chimera RNAi (Cat # H00003662-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with IRF4 monoclonal antibody (M05), clone 2D1 (Cat # H00003662-M05). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to IRF4 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant IRF4.
Immunogen	IRF4 (NP_002451, 342 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LCNDRPNKLERDQTCKLFDTQQFLSELQAFHHGRSLPRFQVTLCFGEEFPDPQRQRKLITAHV EPLLARQLYYFAQQNSGHFLRGYDLPEHISNPEDYHRSIRHSSIQE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of IRF4 expression in transfected 293T cell line by IRF4 monoclonal antibody (M05), clone 2D1.

Lane 1: IRF4 transfected lysate(51.8 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IRF4 is approximately 0.03ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of IRF4 over-expressed 293 cell line, cotransfected with IRF4 Validated Chimera RNAi (Cat # H00003662-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with IRF4 monoclonal antibody (M05), clone 2D1 (Cat # H00003662-M05). GAPDH (36.1 kDa) used as specificity and loading control.

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- Immunofluorescence

Immunofluorescence of monoclonal antibody to IRF4 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — IRF4

Entrez GeneID	3662
GeneBank Accession#	NM_002460
Protein Accession#	NP_002451
Gene Name	IRF4
Gene Alias	LSIRF, MUM1

Gene Description	interferon regulatory factor 4
Omim ID	601900
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000017905 multiple myeloma oncogene 1

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