

Name: Purified IRF3 mouse monoclonal antibody, clone 4D4

Catalog: TA500476

Product Data Sheet

Gene Name: Homo sapiens interferon regulatory factor 3 (IRF3), transcript variant 1
GeneBank accession: NM_001571
Isotype: IgG2a

Reactivity: Human
Test application: WB
Clone Name: clone 4D4

Gene Synonym: MGC94729; interferon regulatory factor 3

Guaranteed Applications: WB, IHC, IF, FC

Suggested Dilutions: WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100,

Immunogen: Full length human recombinant protein of human IRF3 (NP_001562) produced in HEK293T cell.

Components:

- Purified IRF3 mouse monoclonal antibody, clone 4D4 (TA500476)
- 1 vial of 20ug myc-DDK tagged IRF3 HEK293T over-expression lysate lyophilized in RIPA buffer (LY400600) (Reconstitute into 20ul of 1x SDS sample buffer before loading)

Amount:

TA500476-100 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

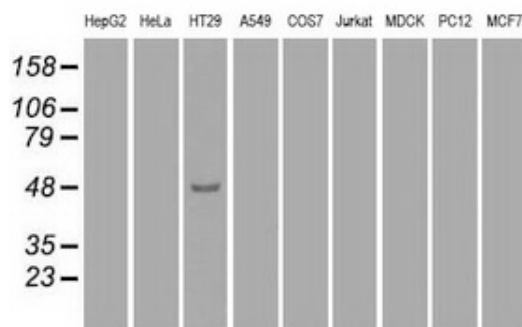
Purified from mouse ascites fluids by affinity chromatography

Background:

IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants have been described. [provided by RefSeq].

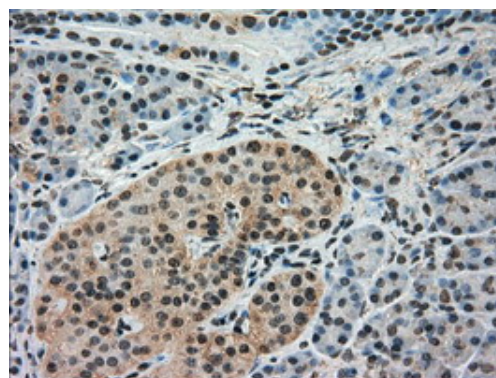
Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-IRF3 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).

IHC data



Immunohistochemical staining of paraffin-embedded Human pancreas tissue using anti-IRF3 mouse monoclonal antibody. (TA500476)

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.