

Name: Purified anti-IRF3 mouse monoclonal antibody, clone 2G3
Product Data Sheet

Catalog: TA500520

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 2G3

Gene Synonym: MGC94729; interferon regulatory factor 3

Guaranteed Applications: WB, IHC, IF

Suggested Dilutions: WB 1:2000, IHC 1:50, IF 1:100,

Immunogen: Protein expressed in 293T cell transfected with human IRF3 expression vector

Components:

- Purified anti-IRF3 mouse monoclonal antibody, clone 2G3 (TA500520)
- 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:

TA500520-100 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:

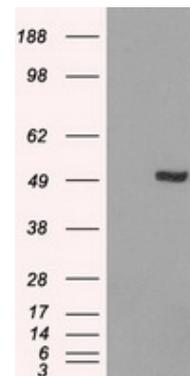
Purified from mouse ascites fluids by affinity chromatography

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.

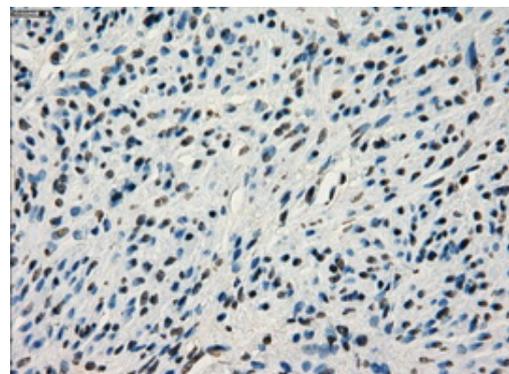
Validation Data:

Western Blot



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IRF3 (RC209951, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IRF3.

IHC data



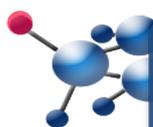
Immunohistochemical staining of paraffin-embedded endometrium tissue using anti-IRF3 mouse monoclonal antibody. (TA500520, Dilution 1:50)

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.



UK & Rest of World
 184 Milton Park, Abingdon
 OX14 4SE, Oxon, UK
 Tel: +44 (0) 1235 828 200
 Fax: +44 (0) 1235 820 482

Switzerland
 Centro Nord-Sud 2E
 CH-6934 Bioggio-Lugano
 Tel: +41 (0) 91 604 55 22
 Fax: +41 (0) 91 605 17 85

Deutschland
 Bockenheimer Landstr. 17/19
 60325 Frankfurt/Main
 Tel: +49 (0) 69 779099
 Fax: +49 (0) 69 13376880

North America
 23591 El Toro Rd, Suite #180
 Lake Forest, CA 92630
 Tel: + 1 800 987 0985
 Fax: + 1 949 265 7703