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## anti-IRF3 antibody

**Images** 



#### Overview

Quantity:	100 μL
Target:	IRF3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IRF3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

#### **Product Details**

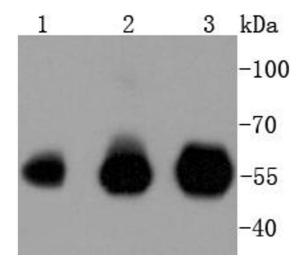
Immunogen:	Recombinant human IRF3 protein, around 50-150aa.
Clone:	4C3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### **Target Details**

Target:	IRF3
Alternative Name:	IRF3 (IRF3 Products)
Background:	Synonyms: Bone Morphogenic Protein 6, Decapentaplegic vegetal related, DVR6, BMP 6, BMP-6,

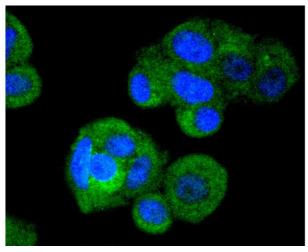
Target Details	
	TGFB related vegetal related growth factor, Transforming growth factor beta, Vegetal related
	TGFB related cytokine, Vg related sequence, VGR1, BMP6_HUMAN.
	Background: The bone morphogenetic proteins (BMPs) are a family of secreted signaling
	molecules that can induce ectopic bone growth. Many BMPs are part of the transforming
	growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of
	demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site.
	Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed
	role in early development. In addition, the fact that this BMP is closely related to BMP5 and
	BMP7 has lead to speculation of possible bone inductive activity. [provided by RefSeq].
Gene ID:	3661
UniProt:	Q14653
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of
	Bacterial Origin, Hepatitis C, Toll-Like Receptors Cascades
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



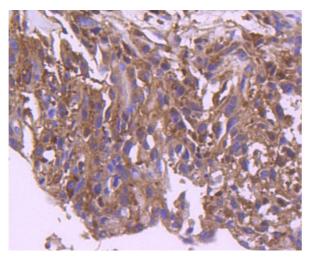
#### **Western Blotting**

**Image 1.** Lane 1: Hela, Lane 2: Jurkat, Lane 3: THP-1 lysates probed with IRF3 (4C3) Monoclonal Antibody at 1:1000 overnight at 4°C. Followed by a conjugated secondary antibody.



#### **Immunofluorescence (Cultured Cells)**

**Image 2.** MCF-7 cells were stained with IRF3 (4C3) Monoclonal Antibody at [1:200] incubated overnight at 4C, followed by secondary antibody incubation, DAPI staining of the nuclei and detection.



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Paraformaldehyde-fixed, paraffin embedded human breast carcinoma, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal serum) at 37°C for 20min, Antibody incubation with IRF3 (4C3) Monoclonal Antibody at 1:50 overnight at 4°C, followed by a conjugated secondary and DAB staining.