

## Phospho-IRF3(S386) Rabbit mAb

Catalog No: #13359

Package Size: #13359-1 50ul #13359-2 100ul

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## Description

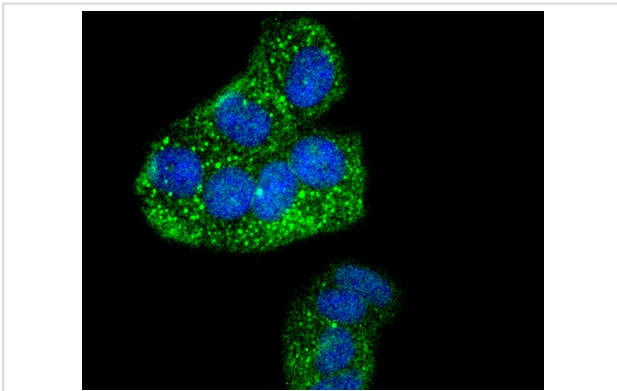
Product Name	Phospho-IRF3(S386) Rabbit mAb
Clone No.	SU03-28
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser386 of human IRF3.
Other Names	IIAE7 antibody Interferon regulatory factor 3 antibody IRF 3 antibody IRF-3 antibody IRF3 antibody IRF3_HUMAN antibody MGC94729 antibody
Accession No.	Swiss-Prot#:Q14653
Uniprot	Q14653
GeneID	3661;
Calculated MW	47 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000

ICC: 1:50-1:200

## Images



ICC staining Phospho-IRF3(S386) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

Interferon regulatory factor-1 (IRF-1) and IRF-2 have been identified as novel DNA-binding factors that function as regulators of both type I interferon (interferon- $\alpha$  and  $\beta$ ) and interferon-inducible genes. The two factors are structurally related, particularly in their N-terminal regions, which confer DNA binding specificity. In addition, both bind to the same sequence within the promoters of interferon- $\alpha$  and interferon- $\beta$  genes. IRF-1 functions as an activator of interferon transcription, while IRF-2 binds to the same cis elements and represses IRF-1 action. IRF-1 and IRF-2 have been reported to act

in a mutually antagonistic manner in regulating cell growth; overexpression of the repressor IRF-2 leads to cell transformation while concomitant overexpression of IRF-1 causes reversion. IRF-1 and IRF-2 are members of a larger family of DNA binding proteins that includes IRF-3, IRF-4, IRF-5, IRF-6, IRF-7, ISGF-3 $\gamma$ ; p48 and IFN consensus sequence-binding protein (ICSBP).

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Note: This product is for in vitro research use only