

Anti-Phospho-IRF3 (Ser386) Antibody (8Z898)

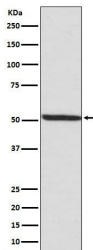
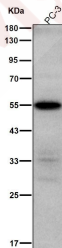
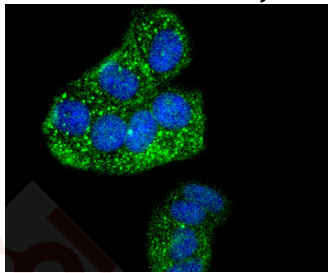
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 47 kDa.
Clone:	8Z898
Purification:	ProA affinity purified

Applications

Verified Activity:

1. 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.
2. Western blot analysis of Phospho-IRF3 (S386) expression in PC-3 cell lysate.
3. Western blot analysis of Phospho-IRF3 (S386) expression in MCF7 cell lysate.



Application:	ICC/IF,WB
Recommended	WB: 1:1000; ICC/IF: 1:50-200

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized phosphopeptide: human IRF3 around the phosphorylation site of Ser386

Antigen Species: Human

Uniprot ID: Q14653

Synonyms: p-IRF3 (Ser386);IRF3 (p-Ser386);p-IRF3 (S386);IRF3 (p-S386)

Research 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- α ; and β ;) 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- α ; and interferon- β ; 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 γ ; p48 and IFN consensus sequence-binding protein (ICSBP).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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