Product datasheet

Anti-IRF3(Phospho-S386) Antibody (Clone#IGO-9)

Catalog Number: *BM4844*

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Basic Information

Product Name	Anti-IRF3(Phospho-S386) Antibody (Clone#IGO-9)
Gene Name	IRF3
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, ICC/IF
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Phospho-IRF3 (S386)
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	50-55 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

IRF3(interferon regulatory factor 3) is a member of the interferon regulatory transcription factor(IRF) family. The IRF3 gene is mapped on 19q13.33. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with°CREBBP. IRF3 plays an important role in the innate immune system's response to viral infection. Aggregated MAVS have been found to activate IRF3 dimerization. Although IRF3 increased transcriptional activity from an ISRE-containing promoter, expression of IRF3 as a Gal4 fusion protein did not activate expression of a chloramphenicol acetyltransferase(CAT) reporter gene containing repeats of the Gal4-binding sites. Translocation of IRF3 was accompanied by an increase in serine and threonine phosphorylation. The transcriptional activators CREBBP and EP300 coimmunoprecipitated with IRF3 only subsequent to viral infection, and the authors stated that these are also subunits of DRAF1.

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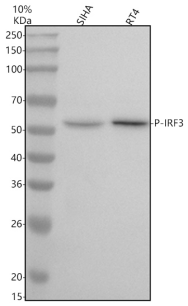
Reference

Anti-IRF3(Phospho-S386) Antibody (Clone#IGO-9)被引用在1文献中。

Selected Validation Data



Western blot analysis of anti-P-IRF3 antibody (BM4844). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human SIHA whole cell lysates,
Lane 2: human RT4 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-P-IRF3 antigen affinity purified monoclonal antibody (BM4844) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for P-IRF3 at approximately 55 kDa. The expected band size for P-IRF3 is at 47 kDa.