

32-5777: Mouse Anti Human Interferon Regulatory Factor-3(Clone:P3F10AT.)

Clonality :	Monoclonal
Clone Name :	P3F10AT.
Application :	ELISA ,WB
Gene :	IRF3
Gene ID :	3661
Uniprot ID :	Q14653
Format :	Purified
Alternative Name :	IRF-3,IRF3,Interferon Regulatory Factor 3.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human IRF3 mAb, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human IRF3 amino acids 108-166 purified from E. coli.

Description

Members of the Interferon regulatory factor (IRF) family regulate gene expression critical to immune response, hemopoiesis, and proliferation. IRF-3 is a member of the IRF family, and is distinct from other family members. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucial role in activation of innate immunity and inflammation in response to viral infection. IRF-3 mediates interferon-stimulated response element (isre) promoter activation. Functions as a molecular switch for antiviral activity. Dsrna generated during the course of an viral infection leads to IRF3 phosphorylation on the c-terminal serine/threonine cluster. This induces a conformational change, leading to its dimerization, nuclear localization and association with creb binding protein (crebbp) to form dsrna-activated factor 1 (draf1), a complex which activates the transcription of genes under the control of isre. The complex binds to the ie and prdiii regions on the ifn

Product Info

Amount :	20 µg
Purification :	IRF3 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

IRF3 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.