IRF7 (IN) antibody (pAb)
Rabbit Anti-Human Interferon Regulatory Factor 7

Instruction Manual

Catalog Number: PK-AB718-3943

Synonyms: IRF7 Antibody: Interferon regulatory factor 7

Description: Interferons (IFNs) are involved in a multitude of immune interactions during viral infections and play a major role in both the induction and regulation of innate and adaptive antiviral mechanisms. During infection, host-virus interactions signal downstream molecules such as transcription factors such as IFN regulatory factor-3 (IRF3) which can act to stimulate transcription of IFN-α/β genes. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon β chain genes. IRF7 play a major role in the innate immune pathway, interacting with the Toll-like receptor (TLR) adaptor proteins MyD88 and TIRP/TRAM and functioning as an intermediate TLR4 and TLR9 signaling. There are at least four differentially spliced isoforms of IRF7, although their function has not been clearly established.

Quantity: 100 µg

Source / Host: Rabbit

Immunogen: IRF7 antibody was raised against a peptide corresponding to 14 amino acids near the center of human IRF7.

Purification Method: Affinity chromatography purified via peptide column.

Clone / IgG Subtype: Polyclonal antibody

Species Reactivity: Human

Specificity: Antibody is supplied in PBS containing 0.02% sodium azide.

Reconstitution: Antibody can be stored at 4°C for three months and at -20°C for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Applications: Antibody might be suitable for other applications not tested so far. Optimal concentrations for each application have to be determined individually.

Images Available upon request.

References:

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Related Products:
- 293 Lysate, Cat. No. PK-AB718-1210; IRF7 Peptide, Cat. No. PK-AB718-3943P
- IRF3 Antibody, Cat. No. PK-AB718-3397; IRF8 Antibody, Cat. No. PK-AB718-3401
- IRF7 Antibody, Cat. No. PK-AB718-3941; MYD88 Antibody, Cat. No. PK-AB718-2125; TLR4 Antibody, Catalog No. PK-AB718-3141
- TIRP Antibody, Cat. No. PK-AB718-3299; TLR9 Antibody, Catalog No. PK-AB718-3739

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