

Human IRF7 antibody

Catalog Number: AIR0814

PRODUCT INFORMATION

Catalog number

AIR0814

Clone No.

3D9

Product type

Monoclonal Antibody

UnitProt No.

Q92985

NCBI Accession No.

NP_001563

Alternative Names

interferon regulatory factor 7 isoform a, interferon regulatory factor 7, irf-7, IRF7A, IRF-7H

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human IRF-7 (1-150aa) purified from E. coli

Isotype

IgG1 kappa

Purification Note

By protein-G affinity chromatography

Application

ELISA, WB

Usage

The 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.

Storage

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Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Interferon regulatory factor (IRF) 7 is a member of the interferon regulatory transcription factor family. IRF7 plays an essential role in virus-activated transcription of type I interferon alpha genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established.

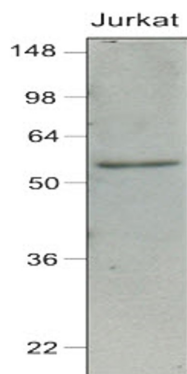
General References

Arun P, et al., (2006) *Biochem Biophys Res Commun* 342(1):50-56.

Honda K, et al., (2005) *Nature* 434(7034):772-777 Au W.C, et al.,(2001) *Virology* 280(2):273-282.

DATA

Western blot analysis (WB)



Cell lysate of Jurkat (40ug) was resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human IRF-7 (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.