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

lsotype

lgG1 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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use. Website: www.nkmaxbio.com email: supportbio@nkmax.com



NKMAXBiO We support you, we believe in your research Human IRF7 antibody Catalog Number: AIR0814

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

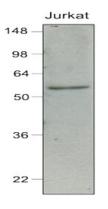
Interferon regulatory factor (IRF) 7 is a member of the interferon regulatory transcription factor family. IRF7 plays an essential role in virus-activated transcription of type I interferon alpha genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants 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.

