

## Product datasheet for **AM03127PU-S**

### IRF7 (1-150) Mouse Monoclonal Antibody [Clone ID: 3D9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3D9
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western blot</b> (1/1000-1/2,000). <b>Immunohistochemistry on Paraffin Sections</b> (20 µg/ml). Heat induced antigen retrieval in pH 6.0 citrate buffer is recommended.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human IRF7 (1-150aa) purified from <i>E. coli</i>
Specificity:	This antibody detects Interferon Regulatory Factor 7 (IRF7).
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interferon regulatory factor 7
Database Link:	<a href="#">Entrez Gene 3665 Human Q92985</a>



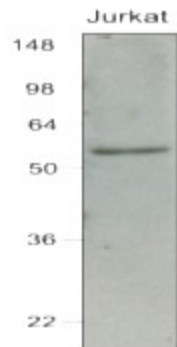
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**Background:**

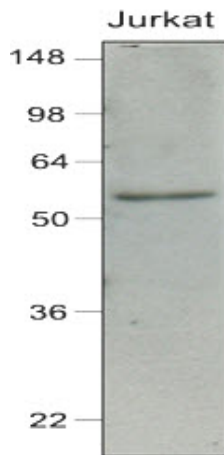
Interferon Regulatory Factor 7 (IRF7) is a member of the interferon regulatory transcription factor family. IRF7 plays an essential role in virus-activated transcription of type I interferon alpha genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants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

**Synonyms:**

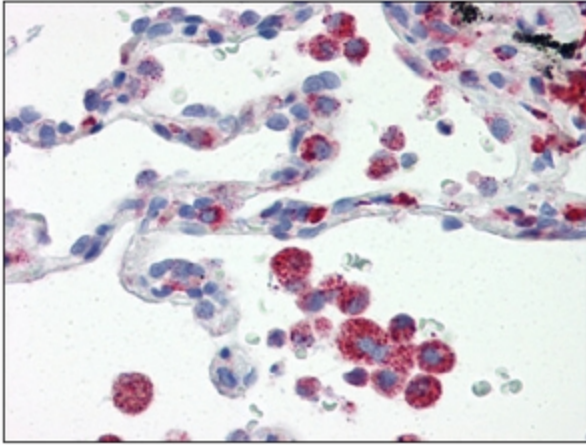
IRF-7

**Product images:**

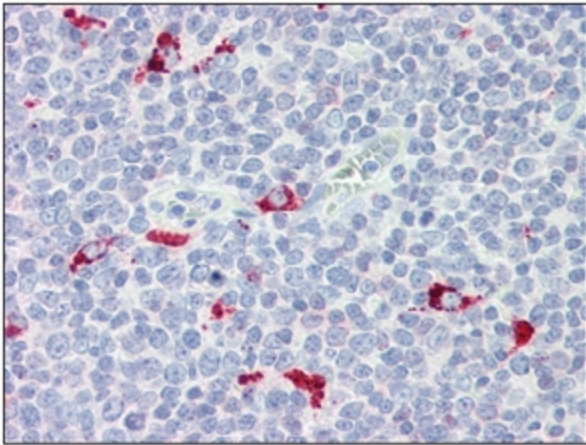
Western blot analysis: Cell lysates of Jurkat (40 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human IRF7 antibody (1/1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Cell lysates of Jurkat (40ug) were 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.



Immunohistochemistry: -N IRF7 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Lung at 20 ug/ml followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry: -N IRF7 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Tonsil at 20 ug/ml followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.