

## Product datasheet for **DM3588P**

### IFNA11 / Interferon alpha-11 Rat Monoclonal Antibody [Clone ID: 7D19]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7D19
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant protein of Limitin
Specificity:	This antibody detects Limitin.
Formulation:	State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Protein A/G affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interferon alpha 11
Database Link:	<a href="#">Entrez Gene 15964 Mouse Q61716</a>



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**Background:**

Produced by macrophages, IFN alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. The innate immune response mediated by cells such as natural killer (NK) cells is critical for the rapid containment of virus replication and spread during acute infection. Subtype 11 of the type I interferon (IFN) family greatly potentiates the antiviral activity of NK cells during retroviral infection. Treatment of mice with IFN- $\alpha$ 11 during Friend retrovirus infection (FV) significantly reduces viral loads and resulted in long-term protection from virus-induced leukemia.

**Synonyms:**

Limitin, IFN-alpha 11