

# Product Datasheet

## IFN-kappa Antibody (1B7) - Azide and BSA Free H00056832-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00056832-M01**

IFN-kappa Antibody (1B7) - Azide and BSA Free

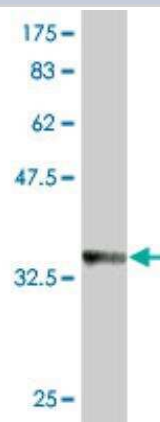
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	56832
Gene Symbol	IFNK
Species	Human
Immunogen	IFNK (NP_064509, 35 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VHLRRVTWQNLRLHSSMSNSFPVECLRENIAPQLPQEFLLQYTQPMKRDIKKAF YEMSLQAFNIFSQHTFKYWKERHLKQIQIGLDQQAAYLNQCL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

Western Blot: IFN-alpha K Antibody (1B7) [H00056832-M01] - Detection against Immunogen (36.19 KDa) .



## Publications

Mrinal S, Ranjitha U, Chang Z et al. Keratinocytes sense and eliminate CRISPR DNA through STING/IFN- $\gamma$  activation and APOBEC3G induction. *J Clin Invest*. 2023-03-16 [PMID: 36928117]

Mehrnaz G, Shannon E, Lam T et al. Interferon Kappa Is a Rheostat for Development of Psoriasiform Inflammation. *J Invest Dermatol*. 2021-08-05 [PMID: 34364883]

Scott M, Woodby B, Ulicny J et al. Human papillomavirus type 16 E5 inhibits interferon signaling and supports episomal viral maintenance. *J Virol*. 2020-01-06 [PMID: 31666385]

SJ Wolf, CO Audu, A Joshi, AD denDekker, WJ Melvin, FM Davis, X Xing, R Wasikowski, L Tsoi, S Kunkel, JE Gudjonsson, MX O'Riordan, JM Kahlenberg, KA Gallagher Interferon kappa (IFN $\kappa$ ) is critical for normal wound repair and is decreased in diabetic wounds *JCI Insight*, 2022-05-09;0(0):. 2022-05-09 [PMID: 35358091]

Liu S, Dharanipragada P, Lomeli SH et al. Multi-organ landscape of therapy-resistant melanoma *Nature medicine* 2023-04-27 [PMID: 37106167] (Immunohistochemistry-Paraffin, Human)

Sarkar MK, Hile GA, Tsoi LC et al. Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. *Ann Rheum Dis* 2018-07-18 [PMID: 30021804]

Carbone ML, Lulli D, Passarelli F et al. Topical Plant Polyphenols Prevent Type I Interferon Signaling in the Skin and Suppress Contact Hypersensitivity. *Int J Mol Sci* 2018-09-06 [PMID: 30200670]

Habiger C, Jager G, Walter M et al. Interferon Kappa Inhibits Human Papillomavirus 31 Transcription by Inducing Sp100 Proteins. *J Virol* 2015-10-21 [PMID: 26491169] (WB)

Reiser J, Hurst J, Voges M et al. High risk HPV repress constitutive interferon-kappa transcription via E6 to prevent pathogen recognition receptor and antiviral gene expression. *J Virol*. 2011-08-17 [PMID: 21849431]

Rincon-Orozco B, Halec G, Rosenberger S, et al. Epigenetic silencing of interferon-kappa in human papillomavirus type 16-positive cells *Cancer Res* 2009-11-01 [PMID: 19887612]





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### **Products Related to H00056832-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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