

# Product Datasheet

## PKR Antibody (6H3A10) - BSA Free NBP2-37242

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 3

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Updated 10/23/2024 v.20.1

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**NBP2-37242**

PKR Antibody (6H3A10) - BSA Free

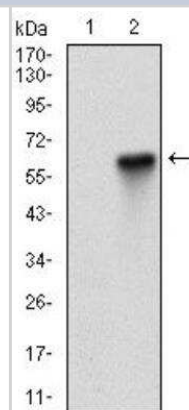
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6H3A10
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	62 kDa

Product Description	
Host	Mouse
Gene ID	5610
Gene Symbol	EIF2AK2
Species	Human
Immunogen	Purified recombinant fragment of human PKR (AA: 329-551) expressed in E. Coli.

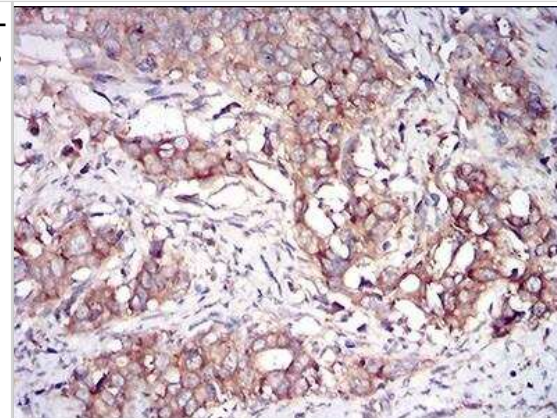
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

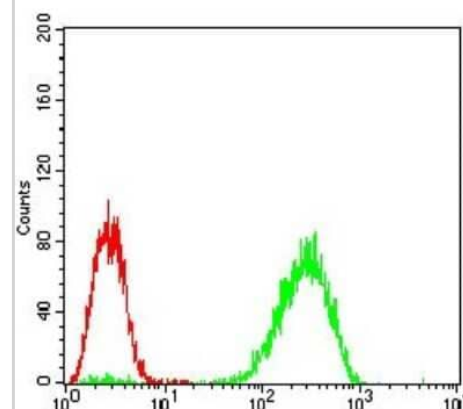
Western Blot: PKR Antibody (6H3A10) [NBP2-37242] - Analysis using PKR mAb against (1) HEK293 and (2) PKR (AA: 329-551)-hlgGfc transfected HEK293 cell lysate.



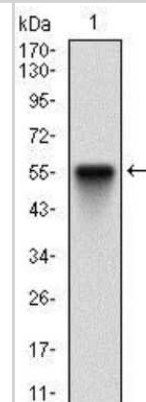
Immunohistochemistry-Paraffin: PKR Antibody (6H3A10) [NBP2-37242] - Analysis of cervical cancer tissues using EIF2AK2 mouse mAb with DAB staining.



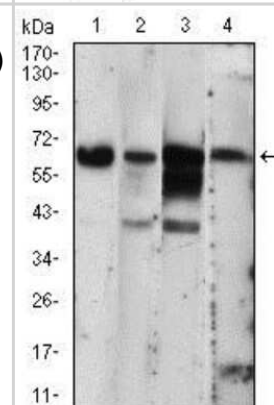
Flow Cytometry: PKR Antibody (6H3A10) [NBP2-37242] - Analysis of A431 cells using EIF2AK2 mouse mAb (green) and negative control (red).



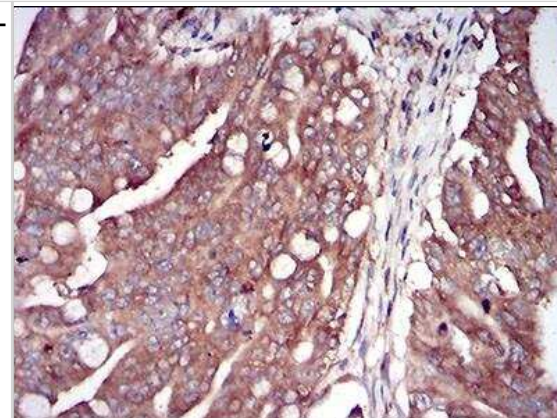
Western Blot: PKR Antibody (6H3A10) [NBP2-37242] - Western blot analysis using EIF2AK2 mAb against human EIF2AK2 (AA: 329-551) recombinant protein. (Expected MW is 51.7 kDa)



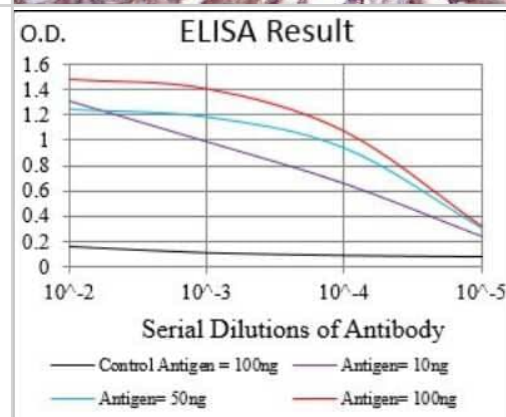
Western Blot: PKR Antibody (6H3A10) [NBP2-37242] - Analysis using EIF2AK2 mouse mAb against A431 (1), THP-1 (2), MCF-7 (3), PC-12 (4) cell lysate.



Immunohistochemistry-Paraffin: PKR Antibody (6H3A10) [NBP2-37242] - Analysis of rectum cancer tissues using EIF2AK2 mouse mAb with DAB staining.



ELISA: PKR Antibody (6H3A10) [NBP2-37242] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Tomatis C, León A, López Ortiz AO et al. Theiler's Murine Encephalomyelitis Virus Replicates in Primary Neuron Cultures and Impairs Spine Density Formation Neuroscience 2023-08-19 [PMID: 37598833]

Gomez R, Tomatis C, Scalise M, Thomas P Yellow Fever Virus Infection Alters Mitochondrial Network Dynamics Authorea 2023-01-18 (Immunocytochemistry/ Immunofluorescence, Human)

Lukhele S, Rabbo DA, Guo M et al. The transcription factor IRF2 drives interferon-mediated CD8+ T cell exhaustion to restrict anti-tumor immunity Immunity 2022-11-01 [PMID: 36370712]



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### **Products Related to NBP2-37242**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005610-Q01-10ug	Recombinant Human PKR GST (N-Term) Protein

### **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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