

# Product Datasheet

## EIF4E2 Antibody (OTI1F11) - Azide and BSA Free NBP2-71468

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/20/2021 v.20.1

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**NBP2-71468**

EIF4E2 Antibody (OTI1F11) - Azide and BSA Free

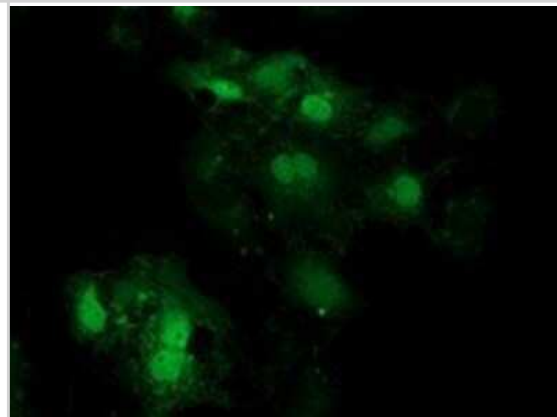
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F11
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	28.2 kDa

Product Description	
Host	Mouse
Gene ID	9470
Gene Symbol	EIF4E2
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human EIF4E2 (NP_004837) produced in HEK293T cell.

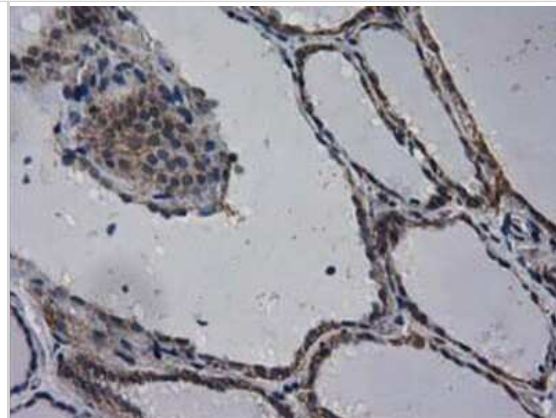
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

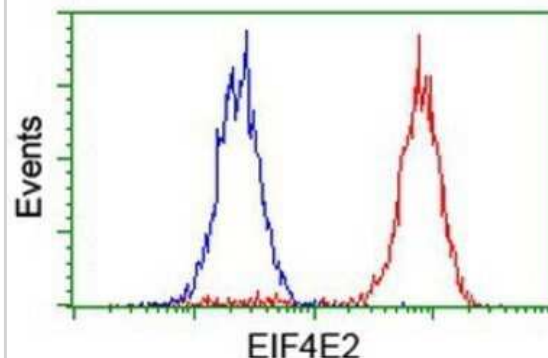
Immunocytochemistry/Immunofluorescence: EIF4E2 Antibody (OTI1F11) - Azide and BSA Free [NBP2-71468] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY EIF4E2.



Immunohistochemistry: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Staining of paraffin-embedded Human thyroid tissue using anti-EIF4E2 mouse monoclonal antibody.



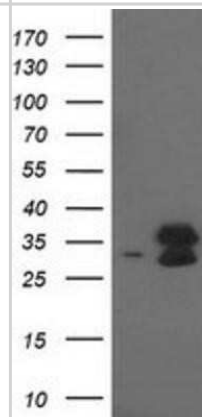
Flow Cytometry: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Analysis of Hela cells, using anti-EIF4E2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



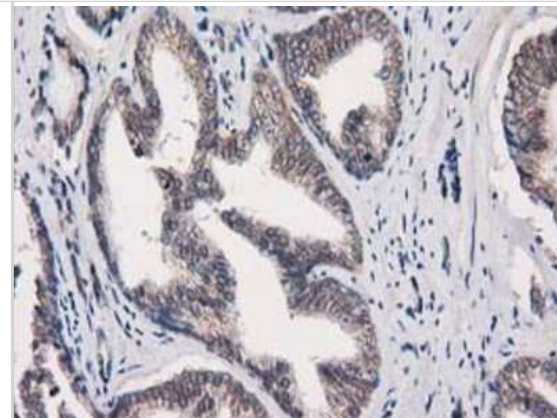
Western Blot: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Analysis of extracts (10ug) from 1 cell line

170 -  
130 -  
100 -  
70 -  
55 -  
40 -  
35 -  
25 -  
15 -

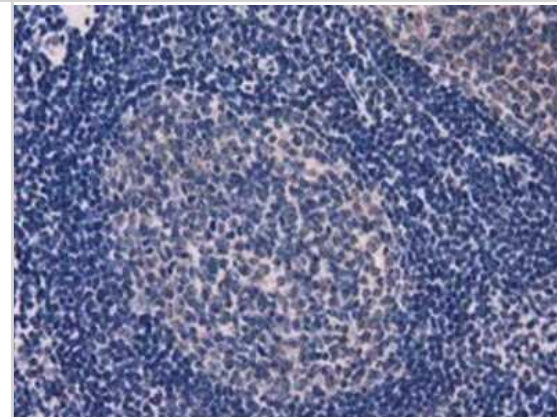
Western Blot: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EIF4E2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EIF4E2.



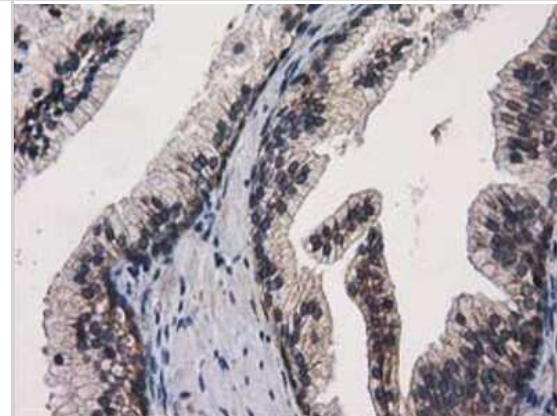
Immunohistochemistry: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-EIF4E2 mouse monoclonal antibody.



Immunohistochemistry: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Staining of paraffin-embedded Human lymph node tissue using anti-EIF4E2 mouse monoclonal antibody.



Immunohistochemistry: EIF4E2 Antibody (OT11F11) - Azide and BSA Free [NBP2-71468] - Staining of paraffin-embedded Human prostate tissue using anti-EIF4E2 mouse monoclonal antibody.





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### **Products Related to NBP2-71468**

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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)
H00009470-P02-10ug	Recombinant Human EIF4E2 GST (N-Term) Protein

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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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