

# Product Datasheet

## Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free NBP2-71554

Unit Size: 100 ug

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

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**NBP2-71554**

Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free

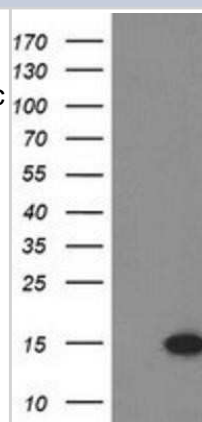
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B9
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	12.6 kDa

Product Description	
Host	Mouse
Gene ID	10209
Gene Symbol	EIF1
Species	Human, Rat
Immunogen	Full length human recombinant protein of human EIF1 (NP_005792) produced in HEK293T cell.

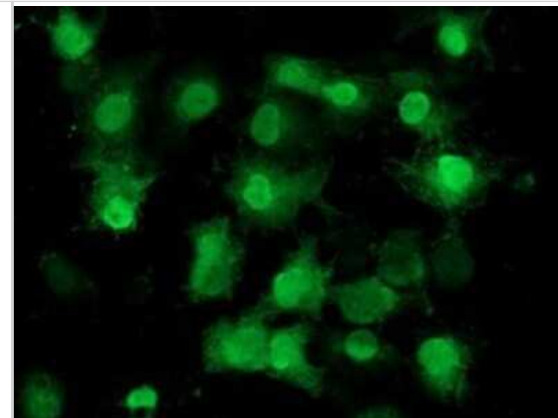
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

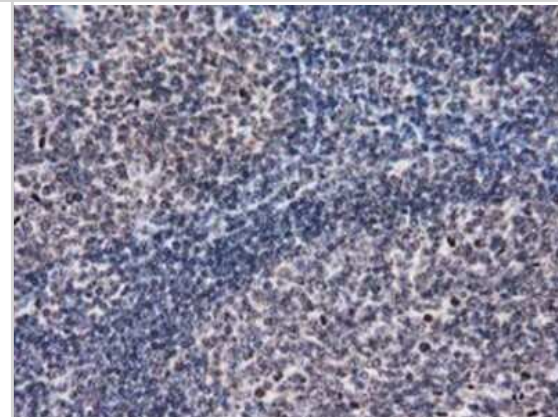
Western Blot: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Eukaryotic translation initiation factor 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and imm



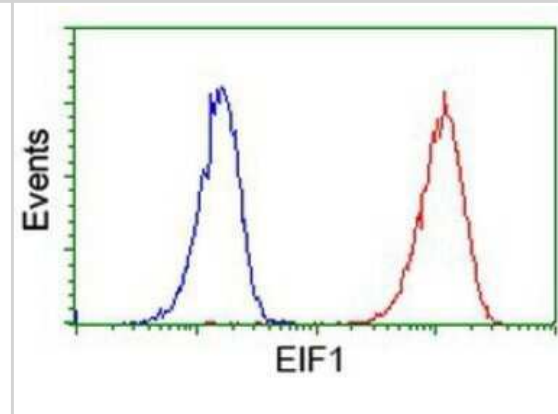
Immunocytochemistry/Immunofluorescence: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Eukaryotic translation initiation factor 1.



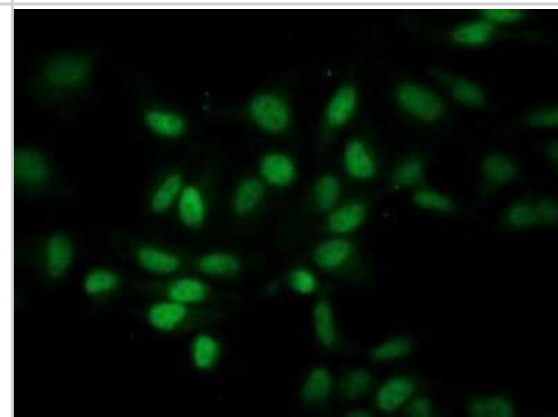
Immunohistochemistry: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - Staining of paraffin-embedded Human lymph node tissue using anti-Eukaryotic translation initiation factor 1 mouse monoclonal antibody.



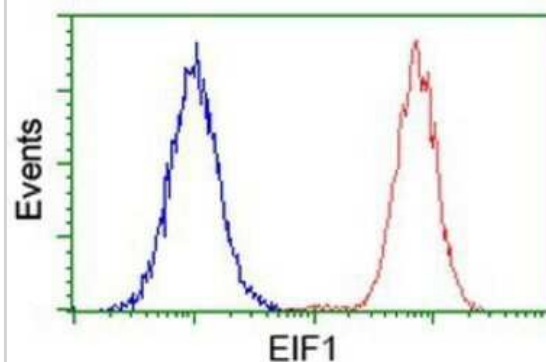
Flow Cytometry: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - Analysis of Jurkat cells, using anti-Eukaryotic translation initiation factor 1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



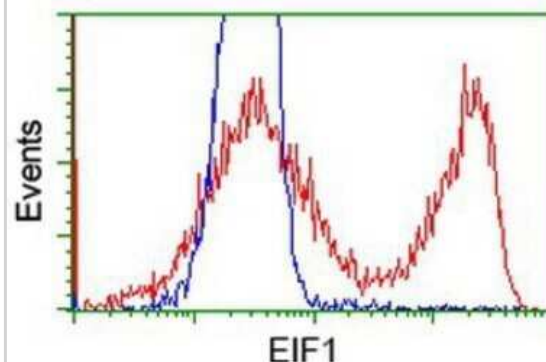
Immunocytochemistry/Immunofluorescence: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - Staining of HeLa cells using anti-Eukaryotic translation initiation factor 1 mouse monoclonal antibody.



Flow Cytometry: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - Analysis of Hela cells, using anti-Eukaryotic translation initiation factor 1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



CyTOF-ready: Eukaryotic translation initiation factor 1 Antibody (OTI2B9) - Azide and BSA Free [NBP2-71554] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Eukaryotic translation initiation factor 1 antibody, and then analyzed by flow cytometry.





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### **Products Related to NBP2-71554**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-37080	Recombinant Human Eukaryotic translation initiation factor 1 His 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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