

# Product Datasheet

## Eukaryotic translation initiation factor 1 Antibody (OTI2B9) NBP2-00702

Unit Size: 0.1 ml

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

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**NBP2-00702****Eukaryotic translation initiation factor 1 Antibody (OTI2B9)****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.32 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI2B9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	12.6 kDa

**Product Description**

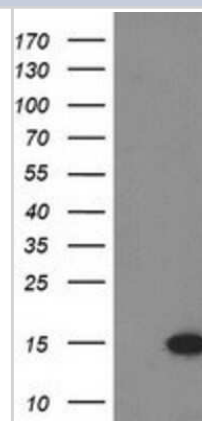
<b>Description</b>	Novus Biologicals Mouse Eukaryotic translation initiation factor 1 Antibody (OTI2B9) (NBP2-00702) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10209
<b>Gene Symbol</b>	EIF1
<b>Species</b>	Human, Rat
<b>Immunogen</b>	Full length human recombinant protein of human EIF1 (NP_005792) produced in HEK293T cell.

**Product Application Details**

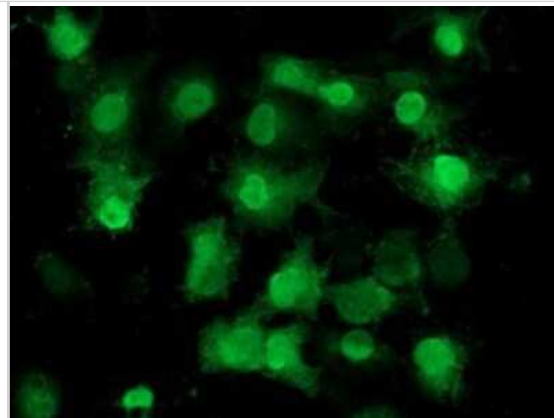
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

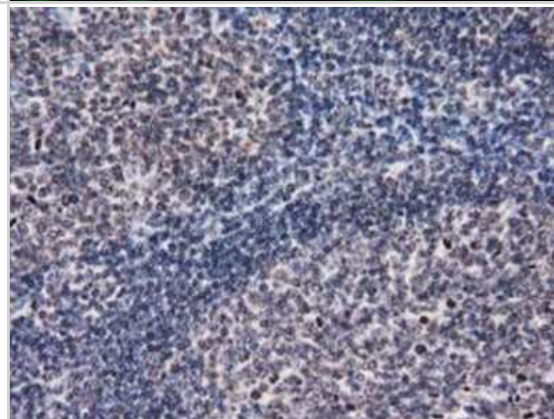
Western Blot: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Eukaryotic translation initiation factor 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Eukaryotic translation initiation factor 1.



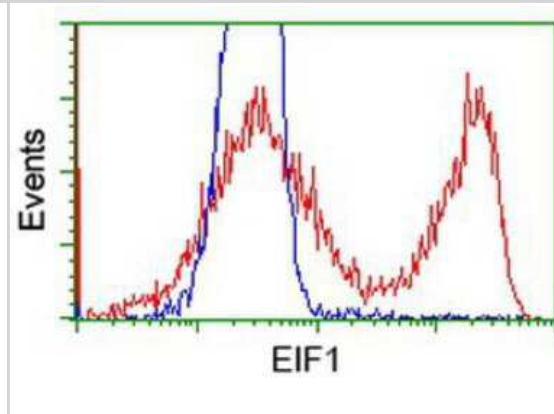
Immunocytochemistry/Immunofluorescence: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] Staining of COS7 cells transiently transfected by pCMV6-ENTRY Eukaryotic translation initiation factor 1.



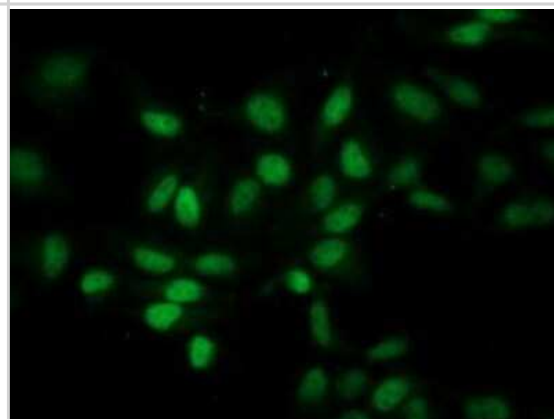
Immunohistochemistry-Paraffin: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - Staining of paraffin-embedded Human lymph node tissue using anti-Eukaryotic translation initiation factor 1 mouse monoclonal antibody.



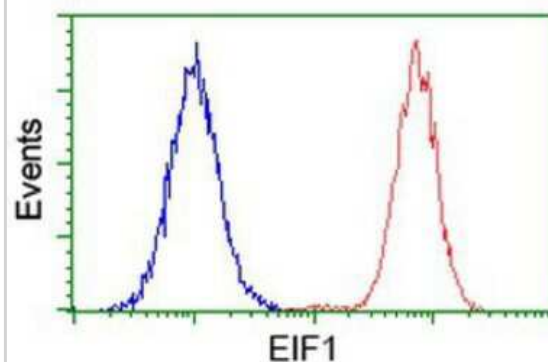
Flow Cytometry: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Eukaryotic translation initiation factor 1 antibody, and then analyzed by flow cytometry.



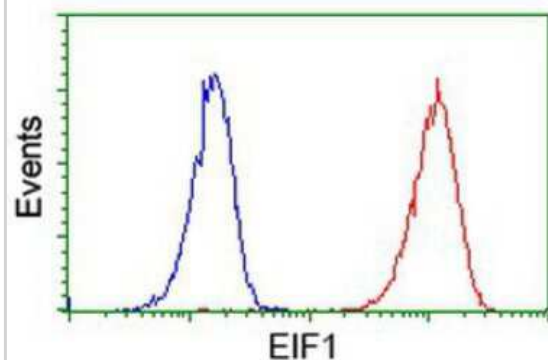
Immunocytochemistry/Immunofluorescence: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - Immunofluorescent staining of HeLa cells using anti-Eukaryotic translation initiation factor 1 mouse monoclonal antibody.



Flow Cytometry: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - Analysis of Hela cells, using anti-Eukaryotic translation initiation factor 1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Eukaryotic translation initiation factor 1 Antibody (2B9) [NBP2-00702] - Analysis of Jurkat cells, using anti-Eukaryotic translation initiation factor 1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-00702**

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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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