

# Product Datasheet

## TOMM34 Antibody (OTI2A9)

### NBP2-00892

Unit Size: 0.1 ml

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

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**NBP2-00892**

TOMM34 Antibody (OTI2A9)

Product Information	
Unit Size	0.1 ml
Concentration	0.96 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A9
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	34.4 kDa

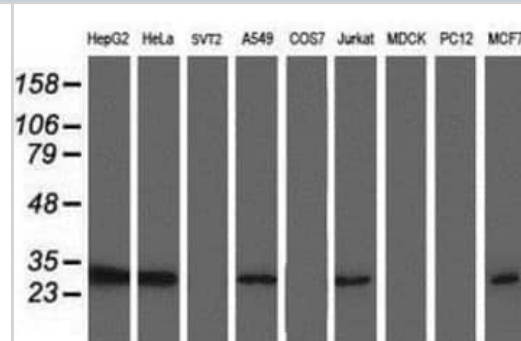
Product Description	
Description	Novus Biologicals Mouse TOMM34 Antibody (OTI2A9) (NBP2-00892) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-TOMM34 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10953
Gene Symbol	TOMM34
Species	Human, Mouse, Rat
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 TOMM34(NP_006800) produced in HEK293 cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:150

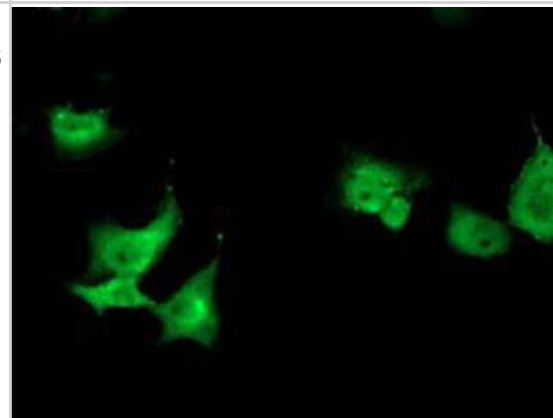


## Images

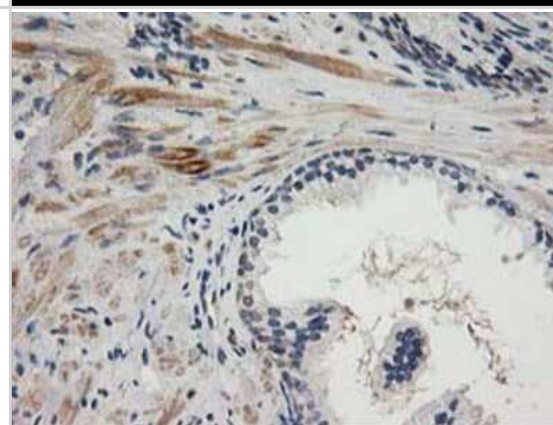
Western Blot: TOMM34 Antibody (2A9) [NBP2-00892] Analysis of extracts (35ug) from 9 different cell lines by using anti-TOMM34 monoclonal antibody.



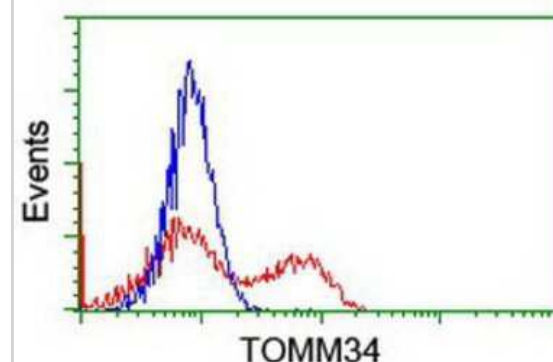
Immunocytochemistry/Immunofluorescence: TOMM34 Antibody (2A9) [NBP2-00892] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY TOMM34.



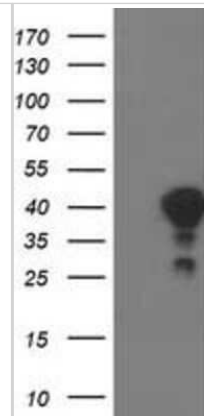
Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892] - Staining of paraffin-embedded Human prostate tissue using anti-TOMM34 mouse monoclonal antibody.



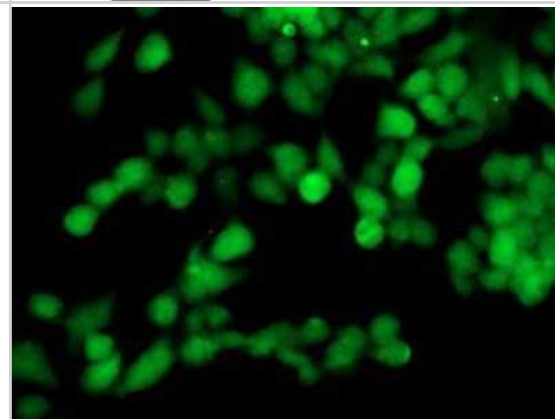
Flow Cytometry: TOMM34 Antibody (2A9) [NBP2-00892] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TOMM34 antibody, and then analyzed by flow cytometry.



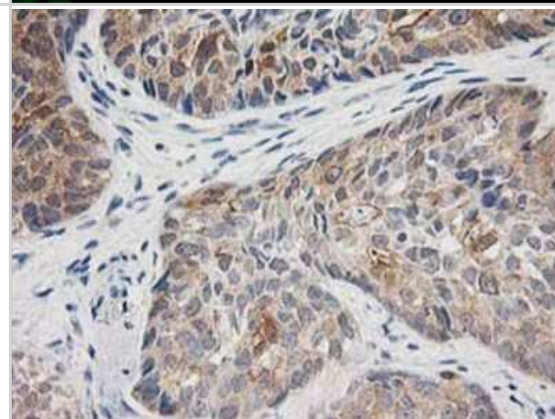
Western Blot: TOMM34 Antibody (2A9) [NBP2-00892] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TOMM34 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TOMM34.



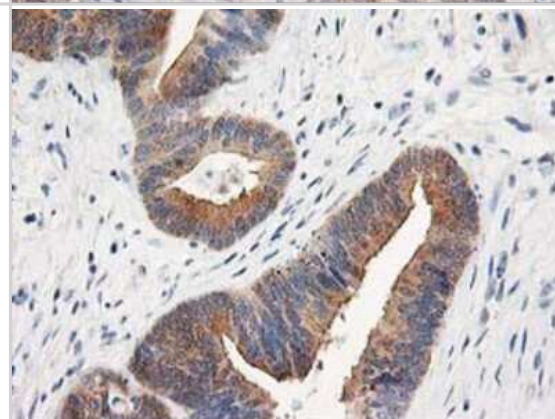
Immunocytochemistry/Immunofluorescence: TOMM34 Antibody (2A9) [NBP2-00892] - Immunofluorescent staining of HeLa cells using anti-TOMM34 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-TOMM34 mouse monoclonal antibody.

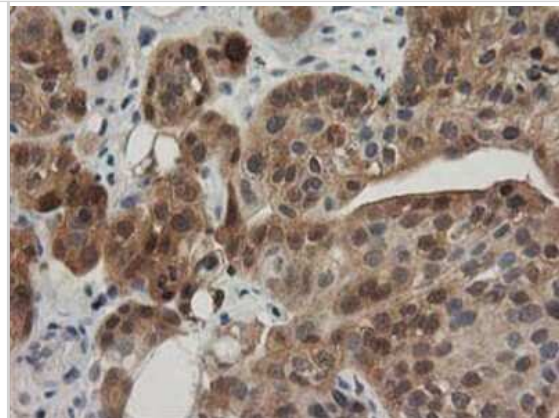


Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TOMM34 mouse monoclonal antibody.

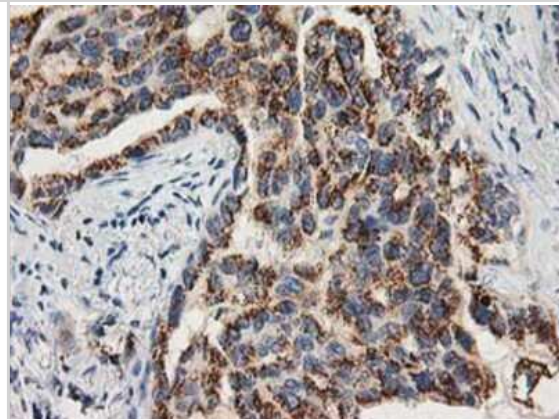




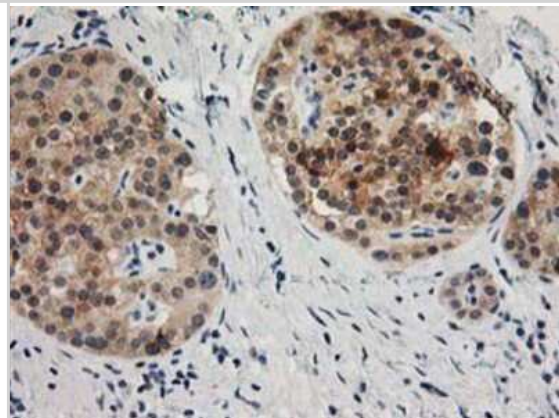
Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892]  
- Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-TOMM34 mouse monoclonal antibody.



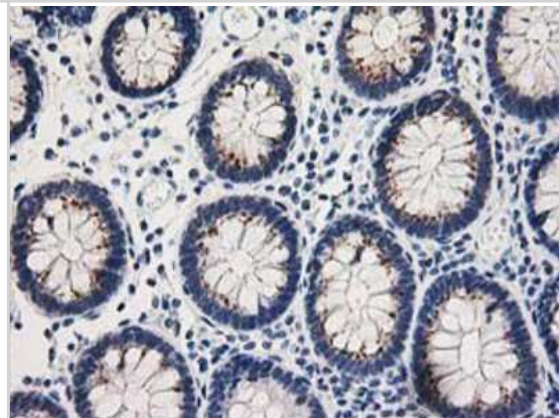
Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892]  
- Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TOMM34 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892]  
- Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-TOMM34 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TOMM34 Antibody (2A9) [NBP2-00892]  
- Staining of paraffin-embedded Human colon tissue using anti-TOMM34 mouse monoclonal antibody.



## Publications

Ahmed MAH, Ali MH, Abbas HH et al. Expression of TOMM34 and Its Clinicopathological Correlations in Urothelial Carcinoma of the Bladder. Pathol. Oncol. Res. 2018-10-31 [PMID: 30382527] (IHC-P, Human)



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### **Products Related to NBP2-00892**

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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)
NBP2-22884	Recombinant Human TOMM34 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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