

# Product Datasheet

## Rab4 Antibody (4E11) - BSA Free NBP2-37485

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/9/2025 v.20.1

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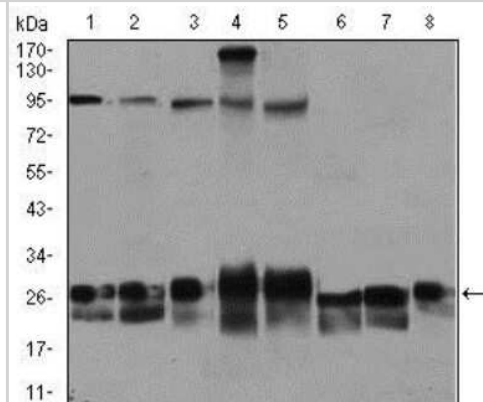
**NBP2-37485**

Rab4 Antibody (4E11) - BSA Free

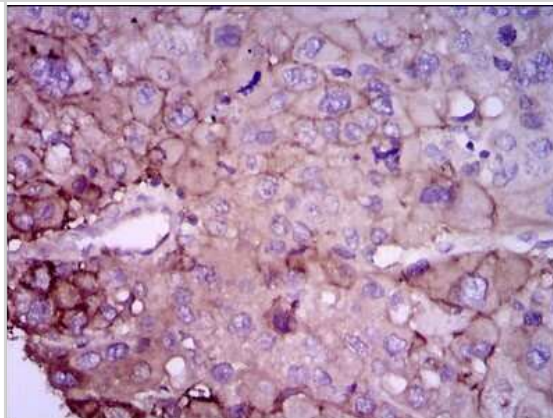
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	23.8 kDa
Product Description	
Description	Novus Biologicals Mouse Rab4 Antibody (4E11) - BSA Free (NBP2-37485) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-Rab4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5867
Gene Symbol	RAB4A
Species	Human, Mouse, Primate, Monkey
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	Purified recombinant fragment of human Rab4 expressed in E. Coli.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, 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

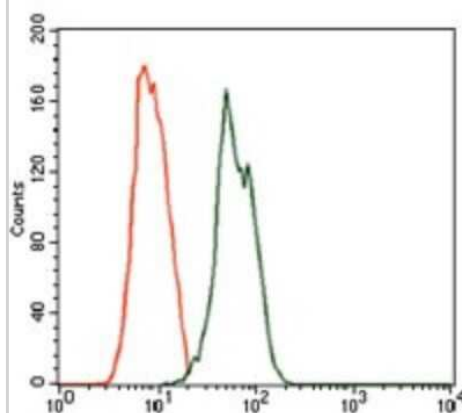
Western Blot: Rab4 Antibody (4E11) [NBP2-37485] - Analysis using RAB4A mouse mAb against Jurkat (1), HeLa (2), A549 (3), HEK293 (4), K562 (5), NIH3T3 (6), PC-12 (7), and COS7 (8) cell lysate.



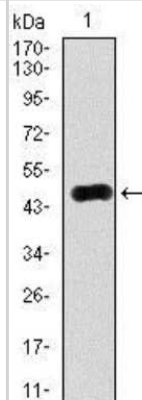
Immunohistochemistry-Paraffin: Rab4 Antibody (4E11) [NBP2-37485] - Analysis of liver cancer tissues using RAB4A mouse mAb with DAB staining.



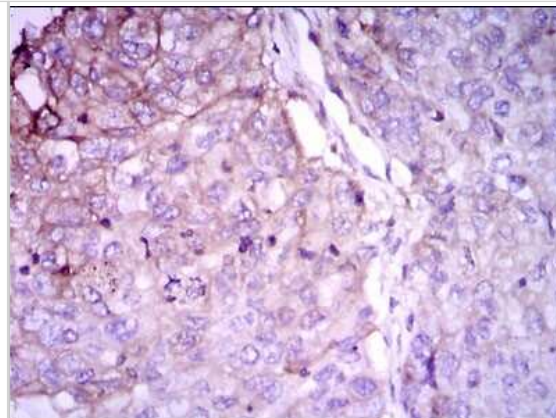
Flow Cytometry: Rab4 Antibody (4E11) [NBP2-37485] - Analysis of MCF-7 cells using RAB4A mouse mAb (green) and negative control (red).



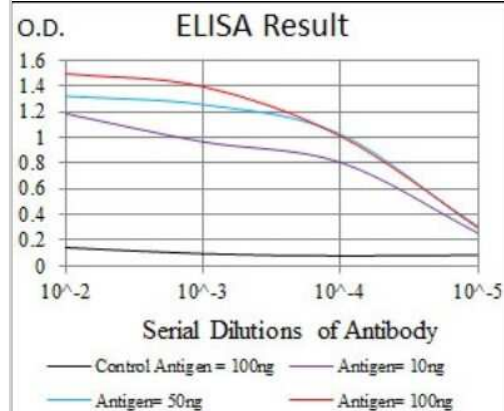
Western Blot: Rab4 Antibody (4E11) [NBP2-37485] - Analysis using RAB4A mAb against human RAB4A (AA: 22-218) recombinant protein. (Expected MW is 47.9 kDa)



Immunohistochemistry-Paraffin: Rab4 Antibody (4E11) [NBP2-37485] - Analysis of lung cancer tissues using RAB4A mouse mAb with DAB staining.



ELISA: Rab4 Antibody (4E11) [NBP2-37485] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Yacine Touahri, Joseph Hanna, Nobuhiko Tachibana, Satoshi Okawa, Hedy Liu, Luke Ajay David, Thomas Olender, Lakshmy Vasan, Alissa Pak, Dhruv Nimesh Mehta, Vorapin Chinchalongporn, Anjali Balakrishnan, Robert Cantrup, Rajiv Dixit, Pierre Mattar, Fermisk Saleh, Yaroslav Ilnytsky, Monzur Murshed, Paul E Mains, Igor Kovalchuk, Julie L Lefebvre, Hon S Leong, Michel Cayouette, Chao Wang, Antonio Del Sol, Marjorie Brand, Benjamin E Reese, Carol Schuurmans Pten regulates endocytic trafficking of cell adhesion and Wnt signaling molecules to pattern the retina. Cell reports 2024-03-27 [PMID: 38551961]



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### **Products Related to NBP2-37485**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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