

Product Datasheet

RanGAP1 Antibody (OTI1B4)

NBP2-02623

Unit Size: 0.1 ml

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

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NBP2-02623

RanGAP1 Antibody (OTI1B4)

Product Information	
Unit Size	0.1 ml
Concentration	0.81 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1B4
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	63.4 kDa

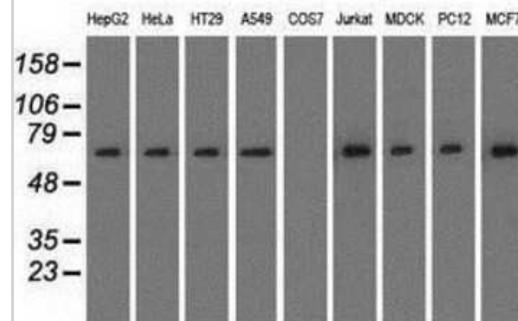
Product Description	
Description	Novus Biologicals Mouse RanGAP1 Antibody (OTI1B4) (NBP2-02623) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-RanGAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5905
Gene Symbol	RANGAP1
Species	Human, Mouse, Rat, Canine
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 RANGAP1 (NP_002874) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

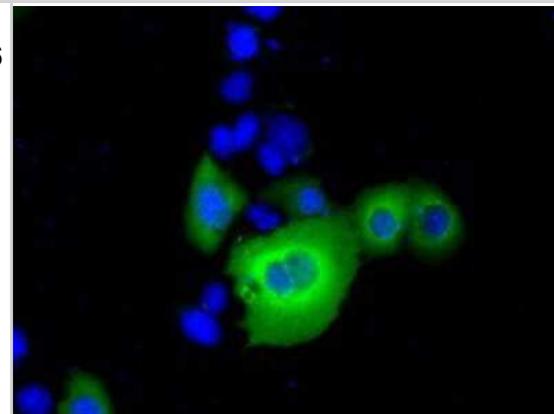


Images

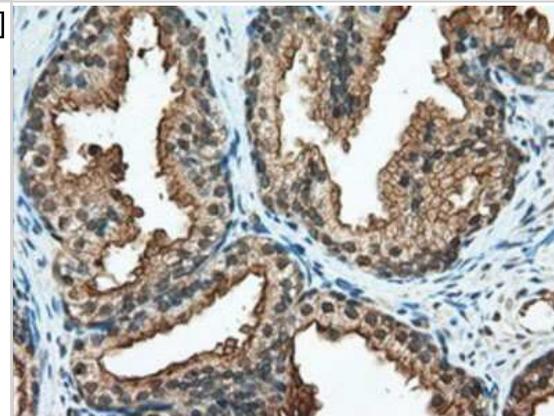
Western Blot: RanGAP1 Antibody (1B4) [NBP2-02623] Analysis of extracts (35ug) from 9 different cell lines by using anti-RanGAP1 monoclonal antibody.



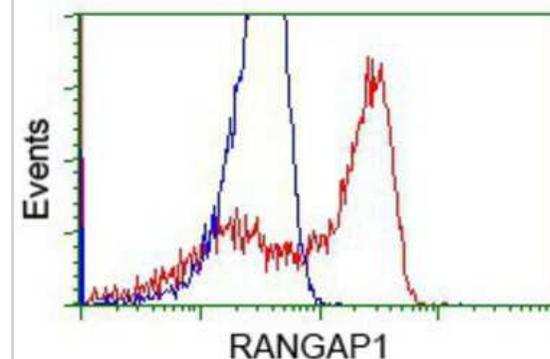
Immunocytochemistry/Immunofluorescence: RanGAP1 Antibody (1B4) [NBP2-02623] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY RanGAP1.



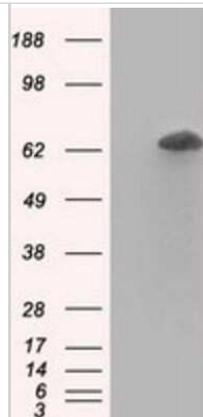
Immunohistochemistry-Paraffin: RanGAP1 Antibody (1B4) [NBP2-02623] - Staining of paraffin-embedded Human prostate tissue using anti-RanGAP1 mouse monoclonal antibody.



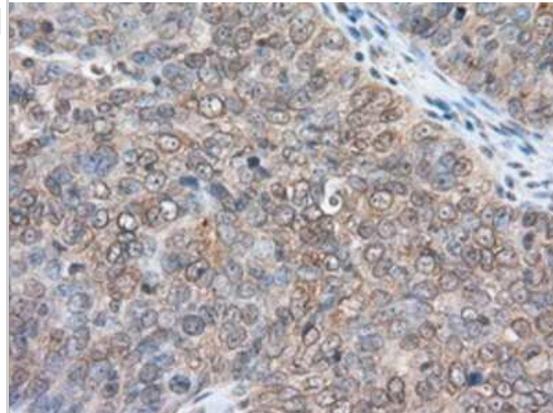
Flow Cytometry: RanGAP1 Antibody (1B4) [NBP2-02623] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RanGAP1 antibody, and then analyzed by flow cytometry.



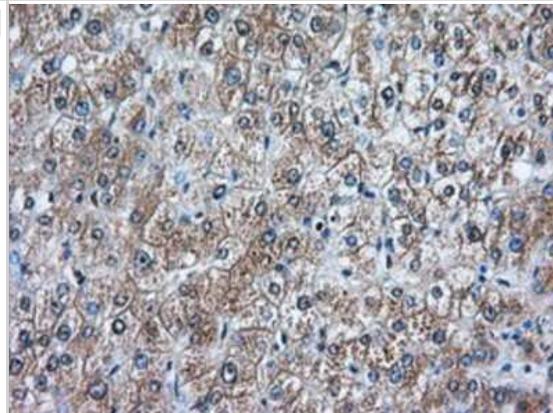
Western Blot: RanGAP1 Antibody (1B4) [NBP2-02623] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RanGAP1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RanGAP1.



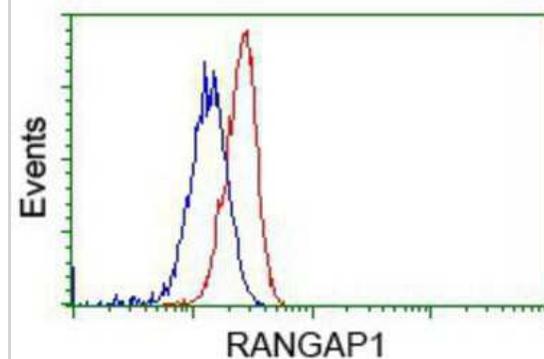
Immunohistochemistry-Paraffin: RanGAP1 Antibody (1B4) [NBP2-02623] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RanGAP1 mouse monoclonal antibody.



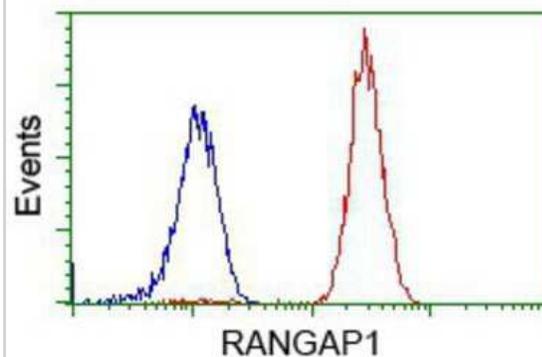
Immunohistochemistry-Paraffin: RanGAP1 Antibody (1B4) [NBP2-02623] - Staining of paraffin-embedded Human liver tissue using anti-RanGAP1 mouse monoclonal antibody.



Flow Cytometry: RanGAP1 Antibody (1B4) [NBP2-02623] - Analysis of HeLa cells, using anti-RanGAP1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: RanGAP1 Antibody (1B4) [NBP2-02623] - Analysis of Jurkat cells, using anti-RanGAP1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Garg R, Endzhevskaya S, Williamson M B-type Plexins promote the GTPase activity of Ran to affect androgen receptor nuclear translocation in prostate cancer Cancer gene therapy 2023-08-10 [PMID: 37563360] (Immunocytochemistry/ Immunofluorescence)



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Products Related to NBP2-02623

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)
H00005905-P01-25ug	Recombinant Human RanGAP1 GST (N-Term) Protein

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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