

Anti-RANGAP1 Mouse Monoclonal Antibody [Clone ID: OTI1B4]

Catalog Number: M02771

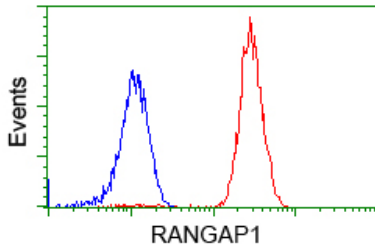
Overview

Product Name	Anti-RANGAP1 Mouse Monoclonal Antibody [Clone ID: OTI1B4]
Reactive Species	Dog, Human, Mouse, Rat
Description	Boster Bio Anti-RANGAP1 mouse monoclonal antibody, clone OTI1B4 (formerly 1B4). Catalog# M02771. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat, Dog.
Conjugate	Unconjugated
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1B4
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P46060

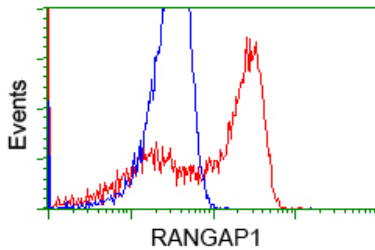
Technical Details

Immunogen	Full length human recombinant protein of human RANGAP1 (NP_002874) produced in HEK293T cell.
Isotype	IgG2a
Concentration	0.81 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:1000~2000 IHC: 1:50 IF: 1:100 Flow cytometry: 1:100

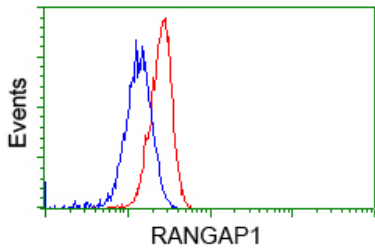
Anti-RANGAP1 Mouse Monoclonal Antibody [Clone ID: OT1B4] (M02771) Images



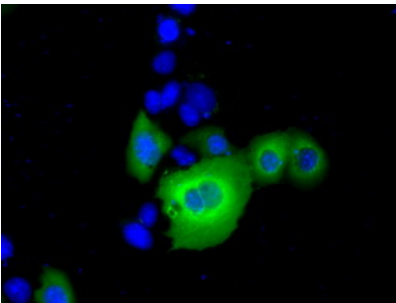
Flow cytometric Analysis of Jurkat cells



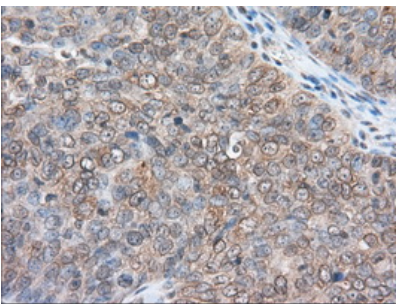
HEK293T cells transfected with either RANGAP1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RANGAP1 antibody (M02771)



Flow cytometric Analysis of HeLa cells

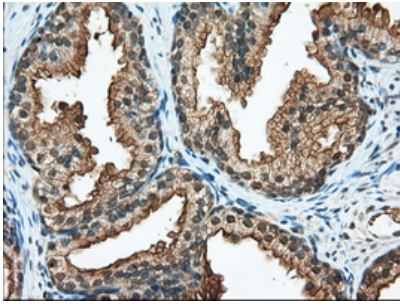


Anti-RANGAP1 mouse monoclonal antibody (M02771) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RANGAP1.

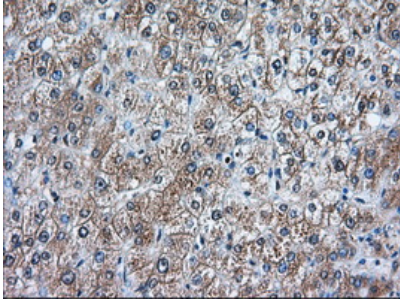


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RANGAP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

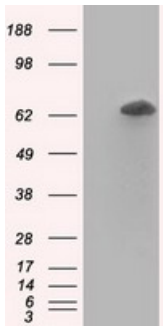
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-RANGAP1



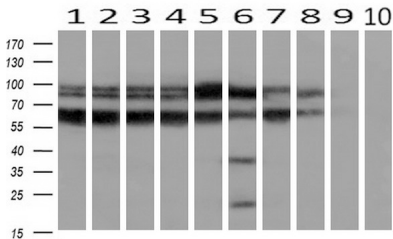
mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



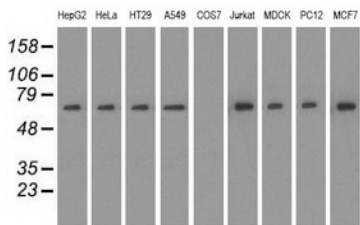
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-RANGAP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



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.

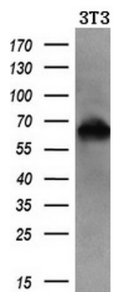


Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-RANGAP1 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon;10: spleen).



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RANGAP1 monoclonal antibody.

Western blot analysis of extracts (10ug) from a mouse cell line by using anti-RANGAP1 monoclonal antibody (1:200).



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Anti-RANGAP1 Mouse Monoclonal Antibody [Clone ID: OT11B4]

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