

Mouse anti-Human, Rat RanBP9 Monoclonal Antibody | anti-RanBP9 antibody

Anti-RanBP9 Mouse mAb

CATALOG # AAA14156	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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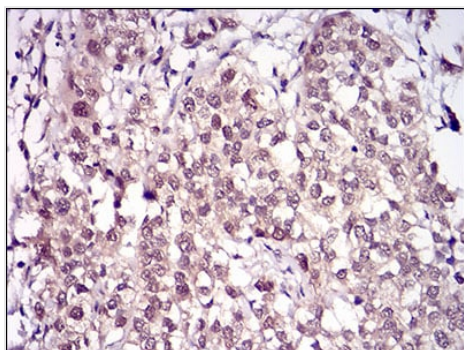
PRODUCT SYNONYMS

RanBP9; Monoclonal Antibody; Anti-RanBP9 Mouse mAb; B cell antigen receptor Ig beta associated protein 1; BPM 90; BPM L; BPM-L; BPM90; BPML; IBAP 1; Imp 9; Importin 9; Novel centrosomal protein RanBPM; RAN binding protein 9; Ran binding protein centrosomal; Ran Binding Protein in the Microtubule organizing center; Ran binding protein M; Ran BP9; Ran-binding protein 9; Ran-binding protein M; RANB9_HUMAN; RanBP 7; RANBP 9; RanBP7; RanBPM; anti-RanBP9 antibody

PRODUCT SPECIFICATIONS

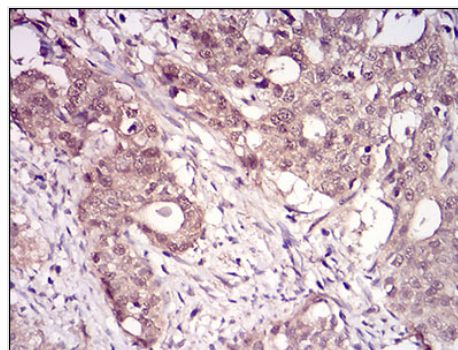
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2H2-E8-B7
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Sequence Length	729
Applicable Applications for anti-RanBP9 antibody	WB (Western Blot)
Immunogen	Purified recombinant fragment of human RANBP9 (AA: 453-680) expressed in E Coli.
Sequence Similarities	Contains 1 LisH domain.
Subunit Structure	Interacts with NGFR and DDX4 (By similarity). Interacts with GTP-bound Ran, AR, CDC2L1/p110C, CALB1, S100A7, USP11, MKLN1, SOS1 or SOS2, GID8, and FMR1. Interacts with the Dyrk kinases HIPK2, DYRK1A, and DYRK1B. Interacts with TP73 isoform Alpha but not with TP53. Interacts with the HGF receptor MET and the integrins ITGB1 and ITGB2, but not with ITGAL. Part of a complex consisting of RANBP9, MKLN1 and GID8. Part of a complex consisting of RANBP9, RAN, DYRK1B and COPS5. Directly interacts with RANBP10.
Subcellular Location	Cell membrane; Peripheral membrane protein

IMAGES



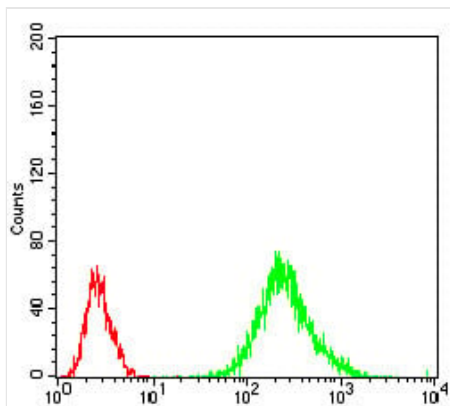
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using RanBP9 mouse mAb with DAB staining.



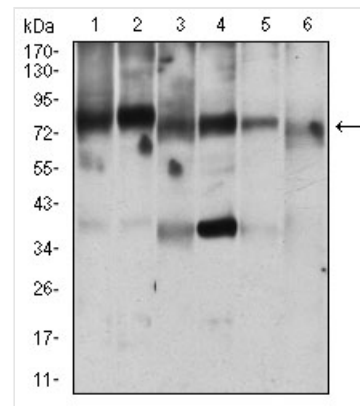
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using RanBP9 mouse mAb with DAB staining.



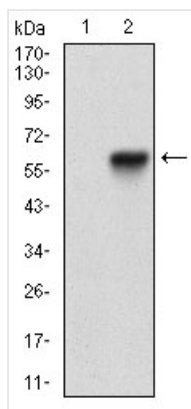
FCM (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using RANBP9 mouse mAb (green) and negative control (red).



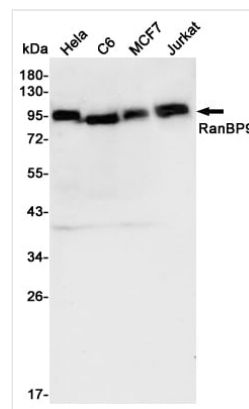
WB (Western Blot)

Western blot analysis using RANBP9 mouse mAb against Jurkat (1), MOLT4 (2), HEK293 (3), A431 (4), A549 (5), NIH/3T3 (6) cell lysate.



WB (Western Blot)

Western blot analysis using RANBP9 mAb against HEK293 (1) and RANBP9 (AA



WB (Western Blot)

Western blot detection of RanBP9 in HeLa, C6, MCF7 and Jurkat cell lysates and using RANBP9 mouse mAb (1:2000 diluted). Predicted band size: 78KDa. Observed band size: 95KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RanBP9 antibody

Entrez Summary: This gene encodes a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein encoded by this gene has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11. [provided by RefSeq, Jul 2008]

UniPort Summary Function: May act as an adapter protein to couple membrane receptors to intracellular signaling pathways. May be involved in signaling of ITGB2/LFA-1 and other integrins. Enhances HGF-MET signaling by recruiting Sos and activating the Ras pathway. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but not affect estrogen-induced transactivation. Stabilizes TP73 isoform Alpha, probably by inhibiting its ubiquitination, and increases its proapoptotic activity. Inhibits the kinase activity of DYRK1A and DYRK1B. Inhibits FMR1 binding to RNA (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	39812378
NCBI GeneID	10048
NCBI Accession #	NP_005484.2
NCBI GenBank Nucleotide #	NM_005493.2
UniProt Accession #	Q96S59; O94764; Q6P3T7; Q7LBR2; Q7Z7F9; A0PJA2; B2R8E1

Molecular Weight	95kDa
NCBI Official Full Name	ran-binding protein 9
NCBI Official Synonym Full Names	RAN binding protein 9
NCBI Official Symbol	RANBP9
NCBI Official Synonym Symbols	BPM-L; BPM90; RANBPM; RanBP7
NCBI Protein Information	ran-binding protein 9
UniProt Protein Name	Ran-binding protein 9
UniProt Gene Name	RANBP9
UniProt Synonym Gene Names	RANBPM; RanBP9; RanBPM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ranbp9-antibody-clone-2h2-e8-b7-western-blot-elisa/14156>