

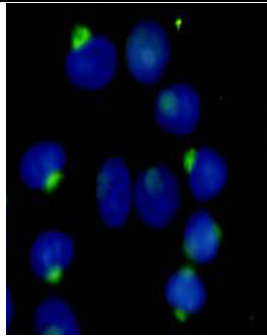


RANBP9 Antibody

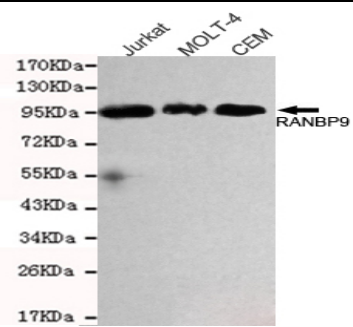
E2200592

- Catalog Number:** E2200592
- Size:** 100ug
- Host:** Mouse
- Formulation:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
- Sensitivity:** This antibody detects endogenous levels of RANBP9 and does not cross-react with related proteins.
- 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.
- 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.
- Immunogen:** Purified recombinant human RANBP9 protein fragments expressed in E.coli.
- Antibody Type:** Monoclonal antibody
- Isotype:** IgG1
- Purified method:** Affinity purified
- Subcellular location:** Cytoplasm ? cytosol. Nucleus.
- Reactivity:** H
- Applications:** WB, ICC, IP
- Molecular Weight:** 78kDa
- UniProt number:** Q96S59
- GeneBank ID:** NM005493.2
- Gene symbol:** BPM-L; BPM90; RANBPM; RanBP7
- Alternate names:** BPM-L; BPM90; Ran-binding protein M, Short name=RanBPM ; RanBP7

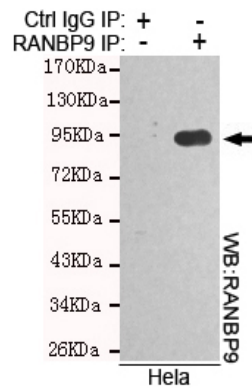
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Immunocytochemistry stain of HeLa using RANBP9 antibody (1:300).



Western blot detection of RANBP9 in Jurkat, MOLT-4&CEM cell lysates and using RANBP9 antibody (1:1000 diluted). Predicted band size: 78KDa Observed band size: 95KDa.



Immunoprecipitation analysis of HeLa cell lysates using RANBP9 antibody.