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RANBP3 Antibody Monoclonal Anti-Human (Clone AT12E11)

单克隆抗体

产品货号: MA01529

第三版

**免疫原:** Recombinant human RANBP3 (235-445aa) purified from E. coli

**亚型:** IgG1,k

**克隆:** Anti-human RANBP3 mAb, clone AT12E11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human RANBP3 protein.

**描述:** The GTPase Ran is a small protein that belongs to the RAS protein superfamily and is found associated with the nuclear membrane. Ran GTPase is essential for mRNA processing, nuclear transport, cell cycle control, mitotic spindle assembly, and postmitotic nuclear re-assembly and nuclear architecture maintenance. Ran binding proteins (RanBPs) belong to a family of proteins that bind Ran GTPase and help to stimulate its GTPase activity. Members of the RanBP family show weak similarity to importin beta, a protein involved in the transport of proteins to the nuclear membrane. Recently it has been shown that RanBP3 function is regulated by the Ras/ERK/RSK and PI3K/Akt signaling pathway. This finding has provided a link between nuclear transport, cell signaling, and cell fate.

**配方:** Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

**浓度:** 1mg/ml

**保存:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.

**应用:** ELISA, WB, ICC/IF