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NPM1 Antibody (Clone AT23F1)

单克隆抗体

产品货号: MA01584

第三版

免疫原: Recombinant human NPM1(1-294aa) purified from E. coli

亚型: Mouse IgG1, k

克隆: AT23F1

**描述:** NPM1 is associated with nucleolar ribonucleoprotein structures and bind single-stranded and double-stranded nucleic acids, but it binds preferentially G-Quadruplex forming nucleic acids. It is involved in the biogenesis of ribosomes and may assist small basic proteins in their transport to the nucleolus. Its regulation through SUMOylation (by SENP3 and SENP5) is another facet of the proteins's regulation and cellular functions. It is located in the nucleolus, but it can be translocated to the nucleoplasm in case of serum starvation or treatment with anticancer drugs. The protein is phosphorylated. Chromosomal aberrations involving NPM1 were found in patients with non-Hodgkin lymphoma, acute promyelocytic leukemia, myelodysplastic syndrome, and acute myelogenous leukemia. It has been found in the cytoplasm in patients with primary acute myelogenous leukemia.

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

**浓度:** 1 mg/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