

Monoclonal Antibody to Ribonucleoprotein (RNP) - Purified

Catalog No.:	AM00206PU-N
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgM
Recommended Isotype Controls:	SM13P
Clone:	58-15-6
Immunogen:	Nuclei from a Leukemia cell line.
Format:	State: Liquid Purification: Purified from the ascites fluid by ammonium sulfate precipitation Buffer System: 10 mM PBS with 0.09% Sodium Azide as preservative and 0.2% BSA as stabilizer.
Applications:	Flow Cytometry. Immunohistology (Formalin/paraffin): Use Ab at 1:10 dilution for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: Germinal Center in a Tonsil or Lymph Node. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	RNP is a 20-80nm electron dense nuclear structure. Highest labeling densities are found in nuclear ribonucleoprotein particles, although heterochromatin, euchromatin, and nucleoli are also labeled. Cellular Localization: nuclear. Mol. Wt of Antigen: 36kD
Storage:	Store at 2-8°C for up to one month or in aliquots at -20°C for longer. Avoid repeated freeze thaw cycles! Shelf life: one year from despatch.
General Readings:	1. Clevenger CV; et al. Cytometry, 1987, 8:280-6. 2. Bauer KD; et al. Cancer Research, 1986, 46(5):2428-3. 3. Bauer KD; et al. Journal of Histochemistry and Cytochemistry, 1986, 34(2):245-50. 4. Clevenger CV; et al. Cytometry, 1985, 6:208-14

Pictures:

Formalin-fixed, paraffin-embedded human colon carcinoma stained with RNP Ab (Cat.AM00206) using peroxidase-conjugate and AEC chromogen. Note nuclear staining of tumor cells.

