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ICT1 Antibody (Clone AT1E9)

单克隆抗体

产品货号: MA01429

第三版

免疫原: Recombinant human ICT1 (30-206aa) purified from E. coli

亚型: IgG1,k

克隆: Anti-human ICT1 mAb, clone AT1E9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ICT1 protein.

描述: Peptidyl-tRNA hydrolase ICT1 acts as a codon-independent translation release factor that has lost all stop codon specificity and directs the termination of translation in mitochondrion, possibly in case of abortive elongation. The adult colon epithelium contains 3 differentiated cell types that arise from a multipotent stem cell. Deviation from the normal maturation pathway by neoplastic transformation is thought to initiate in stem cells or their early descendants. This neoplastic-induced deviation is marked by a change in expression of several mRNAs. ICT1 is a member of the prokaryotic/mitochondrial release factor family whose expression is downregulated over 4 fold upon colon stem cell differentiation. This downregulation of ICT1 could lead to its use as a marker for detection of colon carcinomas.

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