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EPCAM Antibody (Clone AT37F9)

单克隆抗体

产品货号: MA01237

第三版

免疫原: Recombinant human EPCAM (24-265aa) purified from E. coli

亚型: IgG1,k

克隆: Anti-human EPCAM mAb, clone AT37F9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human EPCAM protein.

描述: Epithelial cell adhesion molecule (EPCAM) is a transmembrane glycoprotein mediating Ca^{2+} -independent homotypic cell-cell adhesion in epithelia. EPCAM is also involved in cell signaling, migration, proliferation, and differentiation. Additionally, EPCAM has oncogenic potential via its capacity to upregulate c-myc, e-fabp, and cyclins A & E. Since EPCAM is expressed exclusively in epithelia and epithelial-derived neoplasms, EPCAM can be used as diagnostic marker for various cancers. It appears to play a role in tumorigenesis and metastasis of carcinomas, so it can also act as a potential prognostic marker and as a potential target for immunotherapeutic strategies.

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