

Product overview

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| product name | EpCAM mouse monoclonal antibody |
| catalog No. | ATDA00021 |
| Category | Primary antibody |
| Host | Mouse |
| Species specificity | This antibody detects endogenous levels of human Ep-CAM. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section |
| Tested applications | IHC-p, WB, IF |
| Clonality | Monoclonal |
| Immunogen | Synthesized peptide derived from human Ep-CAM. |
| Alternative Names | Epithelial cell adhesion molecule(Ep-CAM), Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein, EGP |
| Uniprot ID | P16422 |

Product performance

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| Form | Liquid |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Stored at -20°C. Avoid repeated freeze-thaw cycles. |
| Concentration | 1 mg/ml |
| Isotype | IgG |

Dilution range

IHC-p: 1:100-1:500; WB: 1:500-1:2000; IF: 1:50-200

Product background

Epithelial cell adhesion molecule(EPCAM) Homo sapiens This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and



Ep-CAM mouse monoclonal antibody

gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.

