## ATAGENIX LABORATORIES

## Carcinoembryonic antigen(CEA) mouse monoclonal

Product overview

| product name | Carcinoembryonic antigen(CEA) mouse monoclonal antibody |
| :---: | :---: |
| catalog No. | ATDA00016 |
| Category | Primary antibody |
| Host | Mouse |
| Species specificity | This antibody detects endogenous levels of human carcinoembryonic antigen (CEA). Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin sec |
| Tested applications | IHC-p |
| Clonality | Monoclonal |
| Immunogen | Synthesized peptide derived from human carcinoembryonic antigen(CEA). |
| Alternative Names | Carcinoembryonic antigen-related cell adhesion molecule 5,Carcinoembryonic antigen(CEA), Meconium antigen 100,CD antigen CD66e |
| Uniprot ID | P06731 |
| Product performance |  |
| Form | Liquid |
| Buffer | Liquid in PBS containing 50\% glycerol, $0.5 \%$ BSA and $0.02 \%$ sodium azide. |
| Storage | Stored at $-20^{\circ} \mathrm{C}$. Avoid repeated freeze-thaw cycles. |
| Concentration | $1 \mathrm{mg} / \mathrm{ml}$ |
| Isotype | IgG2b,Kappa |
| Dilution range |  |

IHC-p:1:100-1:500

## Product background

Carcinoembryonic antigen related cell adhesion molecule 5(CEACAM5) Homo sapiens This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule.Additionally, the encoded protein may regulate differentiation,apoptosis,and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19.Alternative splicing results in multiple transcript variants.

