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# CEA

Mouse Monoclonal antibody(Mab)
Catalog # AD80017

## Product Information

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|---|---|
| **Application** | IHC-P |
| **Primary Accession** | P06731 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Clone Names** | 239A2F1 |
| **Calculated MW** | 76796 |

## Additional Information

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|---|---|
| **Gene ID** | 1048 |
| **Gene Name** | CEACAM5 |
| **Other Names** | Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e, CEACAM5, CEA |
| **Dilution** | IHC-P~~Ready-to-use |
| **Storage** | Maintain refrigerated at 2-8°C. |
| **Precautions** | CEA Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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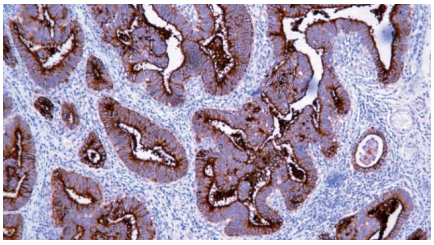
|---|---|
| **Name** | CEACAM5 ( HGNC:1817) |
| **Function** | Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:10864933, PubMed:10910050, PubMed:2803308). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:2803308). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:10910050). |
| **Cellular Location** | Cell membrane; Lipid-anchor, GPI-anchor. Apical cell membrane. Cell surface Note=Localized to the apical glycocalyx surface |
| **Tissue Location** | Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon. |

## Images



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.