

## **Carcinoembryonic antigen(CEA) mouse monoclonal antibody**

### **Product overview**

<b>product name</b>	Carcinoembryonic antigen(CEA) mouse monoclonal antibody
<b>catalog No.</b>	ATDA00016
<b>Category</b>	Primary antibody
<b>Host</b>	Mouse
<b>Species specificity</b>	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
<b>Tested applications</b>	IHC-p
<b>Clonality</b>	Monoclonal
<b>Immunogen</b>	Synthesized peptide derived from human carcinoembryonic antigen(CEA).
<b>Alternative Names</b>	Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen(CEA), Meconium antigen 100, CD antigen CD66e
<b>Uniprot ID</b>	P06731

### **Product performance**

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