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## 44-1135: Anti-CEA Monoclonal Antibody (Clone:IHC543)

Clonality: Monoclonal **Clone Name:** IHC543 Application: IHC Reactivity: Human Gene: CEACAM5 Gene ID: 1048 **Uniprot ID:** P06731 **Purified** Format:

Alternative Name: Carcinoembryonic antigen, Meconium antigen 100, CD66e

## **Description**

Carcinoembryonic antigen (CEA) describes a set of glycophosphatidyl inositol and transmembrane cell-surface-anchored glycoproteins involved in cell adhesion, differentiation, anoikis, polarization, and tissue architecture. CEA staining, along with Calretinin, CK 5/6, D2-40, HBME-1, Napsin A, MOC-31, and Ber-EP4, is used to help differentiate between adenocarcinoma and mesothelioma. Staining with Anti-CEA is also suggested to be useful in identifying the origin of metastatic adenocarcinoma. CEA is an effective marker for adenocarcinomas of the lung, colon, stomach, esophagus, pancreas, gallbadder, urachus, salivary gland, ovary, and endocervix.

## **Product Info**

**Amount:** 0.1 ml / 1 ml

**Purification:** Protein A/G Chromatography

**Storage condition :** Store at 2°C - 8°C.

## **Application Note**

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

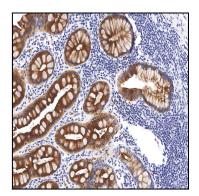


Figure 1: Immunohistochemical analysis of CEA (IHC543) on Rectum