

IHC*easy* CEA Ready-To-Use IHC Kit

Catalog Number: **KHC1112**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

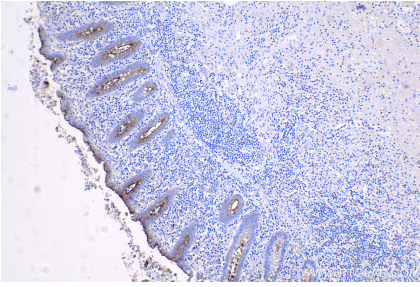
Background

Carcinoembryonic antigen (CEA), also known as CEACAM5 or CD66e, is a cell surface glycoprotein belonging to the immunoglobulin superfamily, mainly serving as a cell adhesion molecule mediating intercellular contact by both homophilic and heterophilic binding. CEA inhibits anoikis and plays a role in tumorigenesis and metastasis. CEA has been found to be overexpressed in a wide variety of human cancers, including colon, breast, and lung. CEA is a tumor marker and is routinely exploited for diagnosis.

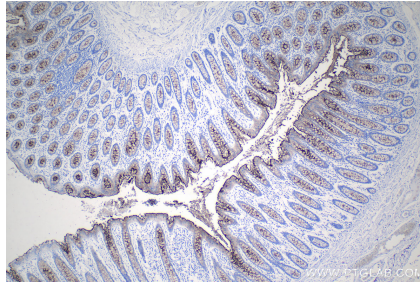
Synonyms

Carcinoembryonic antigen, CD66e, CEA, CEACAM5, DKFZp781M2392, Meconium antigen 100

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1112 (CEA IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1112 (CEA IHC Kit).