

## ARG41923 anti-CD66e / CEA antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD66e / CEA
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD66e / CEA
Species	Human
Immunogen	Recombinant protein corresponding to K35-N650 of Human CD66e / CEA.
Conjugation	Un-conjugated
Alternate Names	Carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; CD antigen CD66e; Carcinoembryonic antigen; Meconium antigen 100

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

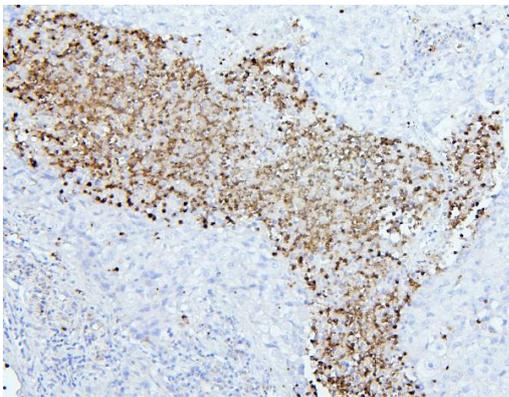
## Bioinformation

---

Gene Symbol	CEACAM5
Gene Full Name	carcinoembryonic antigen-related cell adhesion molecule 5
Background	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. [provided by RefSeq, Jul 2015]
Function	Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins. [UniProt]
Calculated Mw	77 kDa
PTM	Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate. [UniProt]
Cellular Localization	Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

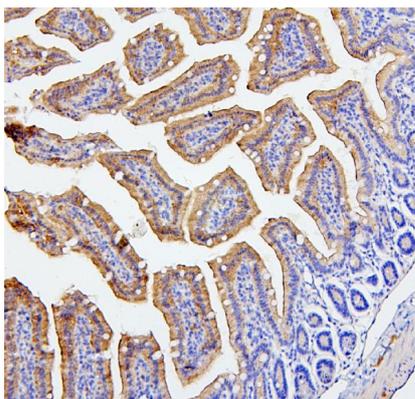
## Images

---



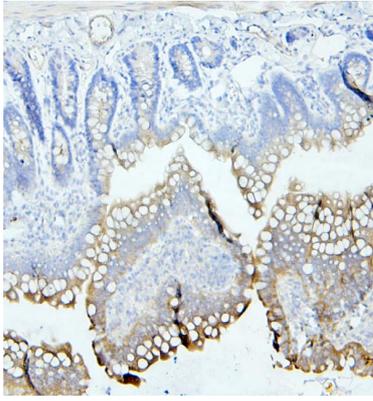
ARG41923 anti-CD66e / CEA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41923 anti-CD66e / CEA antibody at 1 µg/ml dilution, overnight at 4°C.



ARG41923 anti-CD66e / CEA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse intestine tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41923 anti-CD66e / CEA antibody at 1 µg/ml dilution, overnight at 4°C.



#### ARG41923 anti-CD66e / CEA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat intestine tissue.  
Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41923 anti-CD66e / CEA antibody at 1 µg/ml dilution, overnight at 4°C.