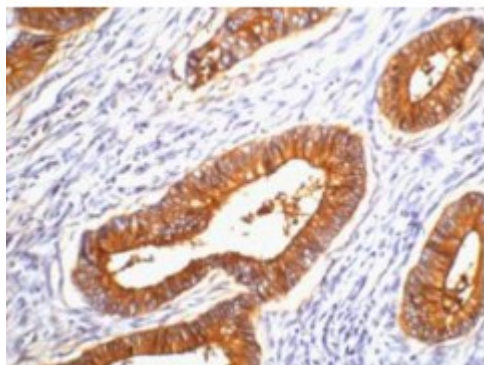


Anti-Carcinoembryonic Antigen antibody



Description

Carcinoembryonic antigen is a protein encoded by the CEACAM5 gene which is approximately 76,7 kDa. Carcinoembryonic antigen is localised to the cell membrane. It is involved in the metabolism of proteins and hematopoietic stem cell differentiation pathways and lineage-specific markers. It is a cell surface glycoprotein that plays a role in cell adhesion and in intracellular signalling. It may also regulate differentiation, apoptosis, and cell polarity and is used as a clinical biomarker for gastrointestinal cancers. Carcinoembryonic antigen is expressed in the intestine, liver, saliva, stomach and lung. Mutations in the CEACAM5 gene may be involved in urachal cancer. STJ96963 was developed from clone 10E1 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This primary antibody detects endogenous Carcinoembryonic antigen proteins.

Model	STJ96963
Host	Mouse
Reactivity	Human
Applications	IHC
Immunogen	Synthetic Peptide
Gene ID	1048
Gene Symbol	CEACAM5
Dilution range	IHC 1:200
Specificity	The antibody detects endogenous CEA proteins.
Purification	The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

Clone ID	100
Note	For Research Use Only (RUO).
Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5 Carcinoembryonic antigen CEA Meconium antigen 100 CD antigen CD66e
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1817OMIM:114890
Alternative Names	Carcinoembryonic antigen-related cell adhesion molecule 5 Carcinoembryonic antigen CEA Meconium antigen 100 CD antigen CD66e

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com