

CEA (carcinoembryonic antigen) (PT0031R) Rabbit mAb (Ready to Use)

CatalogNo: YM7245R Recombinant R

Key Features

Host Species

Rabbit

Reactivity

Human

Applications

IHC

Isotype

• IgG1,Kappa

Recommended Dilution Ratios

Ready to use for IHC

Storage

Storage* 2°C to 8°C/1 year, Ship by ice bag

Formulation The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing

stabilizing protein and 0.05% Proclin 300

Basic Information

Clonality Monoclonal

Clone Number PT0031R

Immunogen Information

Immunogen Recombiant protein. AA range:35-314

Specificity Endogenous

| Target Information

Gene name

CEACAM5

Protein Name

Carcinoembryonic antigen-related cell adhesion molecule 5

Organism	Gene ID	UniProt ID	
Human	<u>1048</u> ;	<u>P06731</u> ;	
Mouse		Q3UKK2;	

Cellular Localization Cytoplasmic, Membranous

Tissue specificity Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

Function

Function: Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins., PTM: Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate., similarity: Belongs to the immunoglobulin superfamily. CEA family., similarity: Contains 7 Ig-like (immunoglobulin-like) domains., subunit: Homodimer. Binding of E.coli Dr adhesins leads to dissociation of the homodimer., tissue specificity: Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.,

Validation Data



Human colon carcinoma tissue was stained with Anti-CEA (PT0031R) rabbit Antibody



Human colon tissue was stained with Anti-CEA (PT0031R) rabbit Antibody

| Contact information

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Please scan the QR code to access additional product information:

CEA (carcinoembryonic antigen) (PT0031R) Rabbit mAb (Ready to Use)

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents