Product Name: **CEA(CD66e) (7M6) Rabbit Monoclonal Antibody**
Catalog #: **AMRe08610**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.48mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:2000-1:20000,ICC/IF 1:200-1:500,FC 1:200-1:500
Molecular Weight	77kDa

Antigen Information

Gene Name	CEACAM5
Alternative Names	adhesion molecule 5; CD66e; Ceacam5; Meconium antigen 100;
Gene ID	1048.0
SwissProt ID	P06731
Immunogen	Recombinant protein of human Carcino Embryonic Antigen CEA

Background

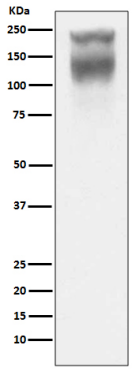
Carcinoembryonic antigen (CEA), also known as CD66e or CEACAM5, is a 180-200 kDa cell surface glycoprotein whose

expression is elevated in intestinal carcinomas and other tumors. CEA mediates cell adhesion, though little more is known about its biological activity. Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:2803308, PubMed:10910050, PubMed:10864933). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:2803308). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:10910050).

Research Area

Tags & Cell Markers

Image Data



Western blot analysis of CEA(CD66e) expression in Human colon cancer lysate.