A26974

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CEACAM5 Rabbit mAb

Catalog No.: A26974 Recombinant 1 Publications

Basic Information

Observed MW
200kDa

Calculated MW
77kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:6000 - 1:12000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1048

Swiss Prot
P06731

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
CEA; CD66e

Contact

www.abclonal.com

Product Information

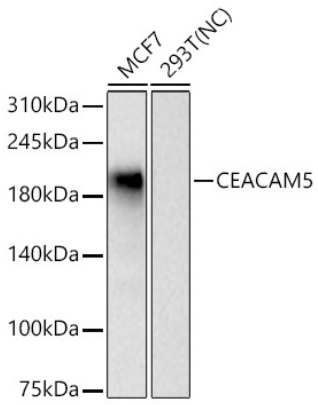
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using CEACAM5 Rabbit mAb (A26974) at 1:12000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): 293T
Exposure time: 180s.

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