

Basic Information

Product Name	Anti-CEA/CEACAM5 Antibody (Clone#OTI2B12)
Gene Name	CEACAM5
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Species Reactivity	human
Tested Application	IHC, WB
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Human recombinant protein fragment corresponding to amino acids 35-680 of human CEACAM5 (NP_004354) produced in SF9 cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Dilution Ratios	Western blot (WB): 1:2000 Immunohistochemistry (IHC):1:150

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

Members of the CEACAM subfamily, including CEACAM5, belong to the CEA gene family. For general information on the CEA gene family, see CEACAM1 (MIM 109770). [supplied by OMIM, Oct 2009]

Selected Validation Data

Product datasheet

Anti-CEA/CEACAM5 Antibody (Clone#OTI2B12)

Catalog Number: **M00356-4**

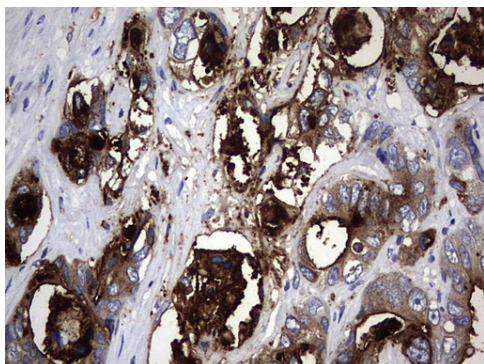
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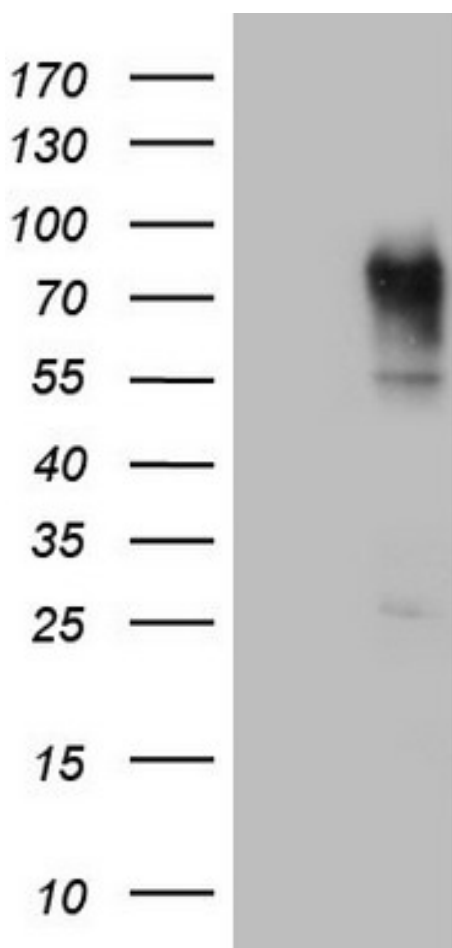
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Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-CEACAM5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH9.0, 120°C for 3min, M00356-4)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CEACAM5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CEACAM5.