

Product Datasheet

CEA Antibody (Center) (orb1930031)

Catalog Number	orb1930031
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	CEACAM5 (HGNC:1817)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This CEA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-429 amino acids from the Central region of human CEA. Antigen Region: 400-429 aa.
UniProt ID	P06731
MW	76796 Da
Tested applications	FC, IHC-P, WB
Dilution range	WB - 1:1000, IHC-P-Leica - 1:500, FC - 1:10-50

Biorbyt Ltd.

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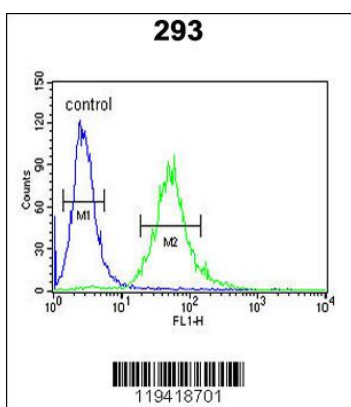
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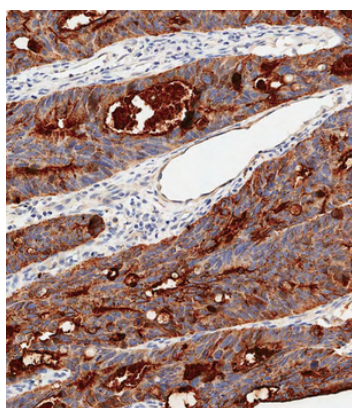
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_004354.2
Expiration Date	12 months from date of receipt.



CEA Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemical analysis of paraffin-embedded Human colon carcinoma tissue was performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

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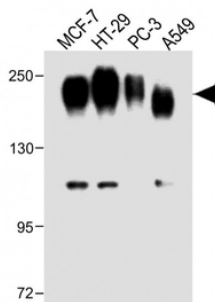
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All lanes: Anti-CEA Antibody (Center) at 1:1000 dilution. Lane 1: MCF-7 whole cell lysate. Lane 2: HT-29 whole cell lysate. Lane 3: PC-3 whole cell lysate. Lane 4: A549 whole cell lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 77 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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