

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-1333: Anti-CD66e / CEA Monoclonal Antibody (Clone:CB30)

Clonality: Monoclonal

Clone Name: CB30

Application : FACS, IP, IHC, IHC-Fr

Reactivity: Human
Gene: CEACAM5
Gene ID: 1048
Uniprot ID: P06731
Format: Purified
Alternative Name: CEACAM5,CEA
Isotype: Mouse IgG1

Immunogen Information: Human carcinoembryonic antigen (CEA; CEACAM5)

Description

The CD66e (CEA; 180-200 kDa) is a member of carcinoembryonic antigens, immunoglobulin supergene family and consists of a single N domain (structural homology to the immunoglobulin variable) and six immunoglobulin constant-like A (A1, A2, A3) and B domains (B1, B2, B3). Human CD66e is heavily glycosylated GPI anchored protein capable of both homophilic and heterophilic adhesion. Disease relevance: The CD66e may play a role in the process of metastasis of cancer cells. CD66e is found in serum and it is clinically used as a tumor marker for early detection of disease due to its expression in adenocarcinomas - potential target of tumor imaging and drug targeting.

Product Info

Amount: 0.1 mg

Purification : Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Immunohistochemistry Recommended dilution: 10 ̸µg/ml (1:100)

Positive tissue: Adenocarcinoma of colon

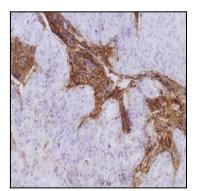


Figure 1: Immunohistochemistry staining of colorectal carcinoma (paraffin-embedded sections) with anti-human CD66e (CB30). Primary antibody dilution: $10 \mu g/ml$.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

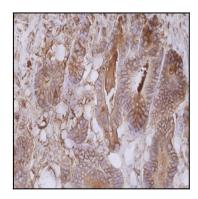


Figure 2: Immunohistochemistry staining of colorectal carcinoma (paraffin-embedded sections) with anti-human CD66e (CB30). Primary antibody dilution: 10 μ g/ml.