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## 30-2551: Anti-Human CD66e APC (Clone: CB30)

Clonality: Monoclonal

Clone Name: CB30
Application: FACS
Reactivity: Human
Conjugate: APC
Gene: CEACAM5
Gene ID: 1048

**Alternative Name:** CEACAM5, CEA, carcino embryonic antigen related cell adhesion mol

**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.

Specificity: The mouse monoclonal antibody CB30 recognizes CD66e (CEA; 180-200 kDa), an extracellular cell surface-bound carcinoembryonic antigen mainly expressed on epithelial cells.

## **Product Info**

Amount: 0.1 mg

**Purification :** The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The

conjugate is purified by size-exclusion chromatography.

0.1 mg/ml

**Content:** Formulation: Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium

azide

**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.