

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

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| Clonality : | Monoclonal |
| Clone Name : | CB30 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | APC |
| Gene : | CEACAM5 |
| Gene ID : | 1048 |
| Alternative Name : | CEACAM5, CEA,carcinoembryonic 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

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| Amount : | 0.1 mg |
| Purification : | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Content : | 0.1 mg/ml 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. |