

Anti-CEACAM6 Antibody-PE (1L889)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	PE
Clone:	1L889
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of human CEACAM6 expression on human whole blood granulocytes. Human whole blood granulocytes were stained with PE-conjugated anti-Human CEACAM6. The histogram were derived from gated events with the forward and side light-scatter characteristics of viable granulocytes.
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Human cell-derived rhCEACAM6 (TMPY-00971)
Antigen Species:	Human
Synonyms:	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen);CD66c;CEA;CEAL;NCA

Research Background

Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6), also known as nonspecific crossreacting antigen (NCA) and CD66c, is one of seven human CEACAM family members within the immunoglobulin superfamily. It is a glycosylphosphatidylinositol-linked immunoglobulin superfamily member that is overexpressed in a variety of human cancers, including colon, breast and lung and is associated with tumorigenesis, tumour cell adhesion, invasion and metastasis. CEACAM6 is a unique mediator of migration and invasion of drug resistant oestrogen-deprived breast cancer cells, and this protein could be an important biomarker of metastasis. CEACAM6 is expressed by granulocytes and their progenitors. It is also expressed by epithelia of various organs and is upregulated in pancreatic and colon adenocarcinomas, as well as hyperplastic polyps. Resistance to adhesion-related apoptosis in tumor cells is conferred in the condition of CEACAM6 overexpression.

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