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Datasheet for ABIN7316816

CEACAM6 Protein (Biotin,Fc-Avi Tag)

Overview

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| Quantity: | 200 µg |
| Target: | CEACAM6 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CEACAM6 protein is labelled with Biotin,Fc-Avi Tag. |

Product Details

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| Purpose: | Biotinylated Human CEACAM-6 / CD66c Protein, Fc,Avitag™ (MALS verified) |
| Sequence: | Lys 35 - Gly 320 |
| Characteristics: | Biotinylated Human CEACAM-6, Fc,Avitag is expressed from human 293 cells (HEK293). It contains AA Lys 35 - Gly 320 (Accession # P40199-1). |
| Purity: | 95,00 % |
| Endotoxin Level: | 1.0 EU per µg |
| Grade: | MALS verified |

Target Details

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| Target: | CEACAM6 |
| Alternative Name: | CEACAM-6 (CEACAM6 Products) |
| Background: | Synonyms:CEACAM6,CD66c,CEAL,NCA,Description:Carcinoembryonic antigen-related cell |

Target Details

adhesion molecule 6 (non-specific cross reacting antigen) (CEACAM6) is also known as CD66c (Cluster of Differentiation 66c), CEAL, NCA, and is one of seven human CEACAM family members within the immunoglobulin superfamily. In humans, CEACAMs include type I transmembrane proteins (CEACAM1, CEACAM3, and CEACAM4) and GPI-linked molecules (CEACAM5 through CEACAM8). There is no human CEACAM2. CEACAM 6 contains one N-terminal V-type Ig-like domain (N domain), followed by two C2-type Ig-like domains. It shows considerable glycosylation, including (sialyl) LewisX, which mediates binding to E-selectin, galectins and some bacterial fimbriae. CEACAM-6 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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| Molecular Weight: | 59.3 kDa |
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Application Details

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| Comment: | This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 59.3 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
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| Buffer: | PBS, pH 7.4 |
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| Storage: | -20 °C |
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| Storage Comment: | -20°C |
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