

Rabbit Anti-CD66c antibody

SL6032R

Product Name CD66c

Chinese Name 癌胚抗原相关 Cell adhesion molecule 抗体

Alias Carcinoembryonic antigen-related cell adhesion molecule 6; Carcinoembryonic antigen-related cell adhesion molecule 6; CD 66c; CD66c antigen; CEA LIKE PROTEIN; CEACAM 6; CEACAM6; CEAL; CEAM6_HUMAN; MGC93832; NCA; Non specific cross reacting antigen; Non-specific crossreacting antigen; Normal cross reacting antigen; Normal cross-reacting antigen.

Research Area Tumour Cell biology immunology Cell Surface Molecule

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human,)

Applications WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 31kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human CD66c/CEACAM6: 165-260/344

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic

or diagnostic applications.

PubMed

[PubMed](#)

The CD66c immunoglobulin superfamily of genes encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues than in normal tissues. CD66 mRNA is strongly expressed in primary colon tumors and, to a lesser extent, in normal colonic tissue. The human CD66 gene family is a diverse set of glycoproteins of epithelial and hematopoietic lineage that comprises 29 genes, which map to chromosome position 19q13.1-q13.2. CD66A, CD66B, CD66C, CD66D, CD66E and CD66F are the best characterized CD66 antigens, and CD66A-D expression upregulates on the surface of granulocytes upon stimulation. Certain CD66 isoforms mediate homotypic and heterotypic intercellular adhesion events independently of cell type.

Subcellular Location:

Cell membrane; Lipid-anchor, GPI-anchor.

Similarity:

Belongs to the immunoglobulin superfamily. CEA family.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**Product
Detail**

SWISS:
P40199

Gene ID:
4680

Database links:

[Entrez Gene: 4680](#) Human

[Oimim: 163980](#) Human

[SwissProt: P40199](#) Human

[Unigene: 466814](#) Human