

Monoclonal Antibody to CD66a/c/d - Purified

Alternate names:	BGP, CD66a, CD66c, CD66d, CEACAM1, CEACAM6, CEACAM8
Catalog No.:	SM1155PT
Quantity:	25 µg
Concentration:	1.0 mg/ml
Background:	CD66acd is expressed by human neutrophils and cells in some cases of colon carcinoma.
Host / Isotype:	Rat / IgG2a
Recommended Isotype Controls:	SM15P, SM15PX
Clone:	YTH71.3
Immunogen:	Human lymphocytes. Spleen cells from immunised DA rats were fused with cells of the Y3/Ag1.2.3 myeloma cell line.
Format:	State: Liquid purified IgG fraction containing 0.09% Sodium Azide as preservative. Purification: Affinity Chromatography on Protein G.
Applications:	Flow Cytometry. Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises CD66acd. Clone YTH71.3 reacts with transfectants containing BGPa, NCA and CGM1a which are CEA subfamily members. Species: Human and Rhesus Monkey. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Watt SM, Sala-Newby G, Hoang T, Gilmore DJ, Grunert F, Nagel G, et al. CD66 identifies a neutrophil-specific epitope within the hematopoietic system that is expressed by members of the carcinoembryonic antigen family of adhesion molecules. Blood. 1991 Jul 1;78(1):63-74. PubMed PMID: 1712645. 2. Skubitz, K.M. et al. (1993) In Leucocyte Typing V. White Cell Differentiation Antigen p. 889 - 899 Volume One. Oxford University Press, Oxford. 3. Jonker, M. et al. (1989) Reactivity of Mab specific for human CD markers with Rhesus monkey leucocytes. Leucocyte Typing IV p 1058-1063 Oxford University Press, Oxford.

Pictures:

SM1155P/PT staining of human peripheral blood granulocytes.

