

AR24002PU-N**Human CD66e / CEACAM5 - Purified**

Alternate names:	CEA, Carcinoembryonic antigen, Carcinoembryonic antigen-related cell adhesion molecule 5, Meconium antigen 100
Quantity:	0.2 mg
Concentration:	1.0 mg/ml
Background:	CD66e, also known as Carcinoembryonic antigen (CEA), is a surface glycoprotein found in fetal gastrointestinal tissue and associated with various benign and malignant tumours. As it is not usually present in the blood of healthy adults it is often used as a marker for cancer.
Uniprot ID:	P06731
NCBI:	NP_004354.2
GeneID:	1048
Species:	Human
Source:	Carcinoma, Human colon adenocarcinoma cell line.
Format:	State: Liquid partially purified (by affinity chromatography) protein. Buffer System: PBS with 0.09% Sodim Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Yang, C,C, et al. (2014) Development of antibody functionalized magnetic nanoparticles for the immunoassay of carcinoembryonic antigen: a feasibility study for clinical use. J Nanobiotechnology. 12 (1): 44.