Product datasheet for TA386510

CEACAM5 Rabbit Monoclonal Antibody [Clone ID: BW431/26]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BW431/26
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing mice with CEA positive adenocarcinoma cells preferably from lungs.
Specificity:	This antibody recognizes and binds human carcinoembryonic antigen in its purified state as well as on tissue sections.
	Technetium 99-labeled (Tc-99m) BW431/26 has been used in the diagnosis and detection of colorectal carcinomas, breast cancers, bladder carcinomas, lung adenocarcinomas and their recurrences by immunoscintigraphy (PMID: 2602902, 2662074, 2685692, 2297747, 2157833, 2166552, 2383485, 1984945). The use of Tc-99m-BW 431/26 immunoconjugates in immunoscintigraphy resulted in reduction of radiation dose for the patient down to 5% of the dose applied as compared with I-131 labelled MAbs (PMID: 3262953). Humanized version of this antibody also shows similar binding affinity as compared to its murine parent antibody (PMID: 1762576).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 5
Database Link:	Entrez Gene 1048 Human P06731
Synonyms:	CD66e; CEA; DKFZp781M2392; OTTHUMP00000199034

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Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG3 format, for improved compatibility with existing reagents, assays and techniques.