

Catalog# BP-50221

Cantuzumab mertansine

Description:

Cantuzumab mertansine (SB-408075; huC242-DM1), is an anti-MUC1 sialylated carbohydrate, tumour-associated (CA242, cancer antigen 242), humanized monoclonal antibody conjugated to maytansinoid DM1 ([N2'-deacetyl-N2'-(3-mercapto-1-oxopropyl)-maytansine]) via a reducible SPP linker [N-succinimidyl 4-(2-pyridyldithio)pentanoate]. Cantuzumab mertansine has cytotoxic toward colon cancer cells and has broad antitumor efficacy against a range of CanAg-positive human tumor xenografts. Its molecular weight is 145kDa. This product is for research use only.

Product Details	
CAS No.	400010-39-1
Species Reactivity	Human
Type	Antibody-drug conjugate
ADC antibody	Cantuzumab (anti-huC242)
Target	Humam CanAg
ADC cytotoxin (drug)	DM1
Purity	> 99%
DAR	N/A
Molecular Weight	145kDa
Formulation	1xPBS
Purification	Size exclusive column
Storage conditions	Store the undiluted solution at -20°C in the dark to avoid freeze-thaw cycles.