

PRODUCT INFORMATION

Clone ID	DM4
Target	BCMA
Synonyms	TNFRSF17
Host Species	Rabbit
Description	Anti-BCMA bispecific antibody(DM4)
Delivery	2-3 weeks
Uniprot ID	Q02223
IgG type	Rabbit scfv
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt; MM Tumor cell killing
Recommended Dilutions	Flow Cyt 1:100; MMTumor cell killing
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	BiTE bispecific antibody is an Engineered fusion protein constructed from two single-chain variable fragments (scFvs) of different monoclonal antibodies. One of the scFvs will be constructed from an anti-CD3 monoclonal antibody; and the other scFv fragment which linked by a linker region will be made from an anti-Tumor cell specific monoclonal antibody. The B-cell maturation protein (BCMA or BCM) is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes; and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily; member 13b (TNFSF13B:TALL-1:BAFF); and to lead to NF-kappaB and MAPK8;JNK activation. This receptor also binds to various TRAF family members; and thus may transduce signals for cell survival and proliferation. [provided by RefSeq; Jul 2008]
Usage	Research use only

