

Product datasheet for **TA399811**

CD3E Human Monoclonal Antibody [Clone ID: CD3B219]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CD3B219
Applications:	FC
Reactivity:	Human, Monkey
Host:	Human
Clonality:	Monoclonal
Specificity:	The antibody is specific for CD3 epsilon.

The antibody was used to construct different CD33 xCD3 bispecific antibodies (IgG4). In vitro T cell mediated cytotoxicity assays were performed using the bispecific antibody and the cytotoxicity was measured by flow cytometry. Ex vivo cytotoxicity assay showed the paired antibody promoted a dose-dependent reduction of total cytotoxicity that correlated with T cell activation after 48 hours (US20210040209A1). The antibody is considered a high affinity binder (Kd= 8nM) (US20210214440A1). The CD33xCD3 bispecific antibodies specifically induce cell cytotoxicity of MOLM-13 cells and CD33+ monocytes at 48 hr (US20200048349A1).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	P07766
Synonyms:	CD3e; SP34-2; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell surface glycoprotein CD3 epsilon chain



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