

## Product datasheet for TA399812

### CD3E Rabbit Monoclonal Antibody [Clone ID: CD3B219]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CD3B219
Applications:	FC
Reactivity:	Human, Monkey
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
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= 8mM) (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:	<a href="#">P07766</a>
Synonyms:	CD3e; SP34-2; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell surface glycoprotein CD3 epsilon chain



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