

CD3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2249
Host	Mouse
Isotype	Mouse IgG2a
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CD3 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC
Concentration	N/A
Full name	N/A
Synonyms	T3Z;CD3H;CD3Q;CD3Z;TCRZ;CD3-ZETA;CD247

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD3 is a component of T cell surface receptor (TCR), it contains 5 invariable chains: gamma-, delta-, epsilon-, and zeta/eta. Clevers et al. (1988) showed the TCR/CD3 complex consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits, CD3 is responsible for the signal transduction of the TCR.

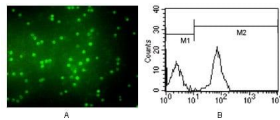
Recommended Dilution

ICC: 1:200 - 1:1000

ELISA: 1:10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of peripheral blood T cells using CD3 mouse mAb (A) and flow cytometric analysis of peripheral blood T cells using CD3 mouse mAb (B).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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