


Product datasheet

Anti-CD3 epsilon antibody [OKT3] (FITC) ab210316

1 Image

Overview

Product name	Anti-CD3 epsilon antibody [OKT3] (FITC)
Description	Mouse monoclonal [OKT3] to CD3 epsilon (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee 
Positive control	Human peripheral blood lymphocyte
General notes	ab210316 is a widely used phenotypic marker for Human T cells. In addition, as the CD3 epsilon subunit of the TCR complex contains intracellular signaling domains, binding of ab210315 to CD3 epsilon can induce cell activation.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark. Store undiluted.
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.16% Monobasic dihydrogen sodium phosphate, 0.1% Gelatin, 0.87% Sodium chloride
Purity	Affinity purified
Purification notes	Purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	OKT3
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab210316** in the following tested applications.

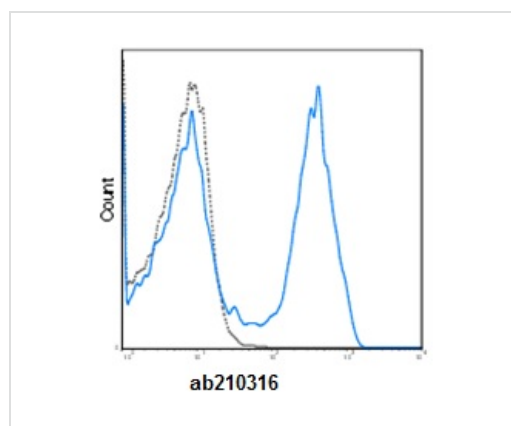
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. Use 5 μ L (1 μ g)

Target

Function	The CD3 complex mediates signal transduction.
Sequence similarities	Contains 1 Ig-like (immunoglobulin-like) domain. Contains 1 ITAM domain.
Cellular localization	Membrane.

Images



Flow cytometric analysis of Human peripheral blood lymphocyte labeling CD3 epsilon using 5 μ L (1 μ g) of ab210316 (solid line) and 1 μ g of FITC Mouse IgG2a control (dashed line).

Flow Cytometry - Anti-CD3 epsilon antibody [OKT3]
(FITC) (ab210316)

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