

Technical Data Sheet

Product **Anti-CD3 epsilon (activation epitope) PE**

Cat. Number/Size **1P-599-C025 0.025 mg**
1P-599-C100 0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD3 epsilon (activation epitope)
Clone	APA1/1
Format	PE
Reactivity	Mouse, Human
Application	FC (QC tested)
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody APA1/1 recognizes an activation-dependent intracellular epitope of CD3 epsilon. Exposure of the epitope precedes CD3 phosphorylation and recruitment and activation of ZAP70, which initiates the signaling cascade produced by T-cell activation. APA1/1 provides the earliest known marker for TCR-mediated T cell activation.
Other names	CD3 epsilon chain, T3E, CD3epsilon, IMD18
Immunogen	Purified human CD3 proteins isolated from thymus

Concentration	0.1 mg/ml
Preparation	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References	www.exbio.cz
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