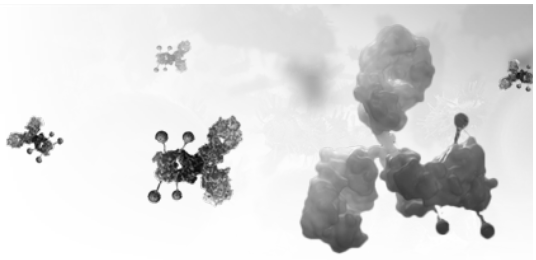

Anti-CD3E monoclonal antibody, clone KT3 [APC] (CABT-50524RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD3 antibody, clone KT3 recognizes the mouse CD3 antigen, which is expressed by mature T cells.Rat anti Mouse CD3 antibody, clone KT3 may be used to trigger proliferation and cytotoxicity of CD3 positive cells. NB. For optimal staining incubations should be performed at room temperature. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD3E
Immunogen	CBAT6 thymocytes.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	KT3
Conjugate	APC
Applications	FC
Format	Purified IgG conjugated to Allophycocyanin (APC) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

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from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd3e CD3 antigen, epsilon polypeptide [Mus musculus (house mouse)]
Official Symbol	CD3E
Synonyms	CD3E; CD3 antigen, epsilon polypeptide; CD3; T3e; AI504783; CD3epsilon; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain;
Entrez Gene ID	12501
Protein Refseq	NP_031674
UniProt ID	P04235
Chromosome Location	9 A5.2; 9 24.84 cM
Pathway	Adaptive Immune System; Chagas disease (American trypanosomiasis); Costimulation by the CD28 family; Downstream TCR signaling; Generation of second messenger molecules; HTLV-I infection; Hematopoietic cell lineage; Immune System;
Function	SH3 domain binding; protein binding; protein heterodimerization activity; signal transducer activity; transmembrane signaling receptor activity;

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