



DATA SHEET

Catalog#KT9112-0031-85

CD3e Monoclonal Antibody (145-2C11), PE

Size:	500 µg
Species:	Mouse
Published Species:	Mouse, Human
Expression System:	Armenian hamster / IgG
Class:	Monoclonal
Type:	Antibody
Clone:	145-2C11
Purification:	Affinity chromatography
Storage Buffer:	PBS, pH 7.2, with 0.1% gelatin Contains 0.09% sodium azide
Storage Conditions:	4° C, store in dark, DO NOT FREEZE!

Applications:

Flow Cytometry (Flow)

Functional Assay (FN)

Immunofluorescence (IF)

Immunohistochemistry (Frozen) (IHC (F))

Product Specific Information

Description: The 145-2C11 monoclonal antibody reacts with mouse CD3e, a 20 kDa subunit of the TCR complex. Along with the other CD3 subunits, gamma and delta, the epsilon chain is required for proper assembly, trafficking and surface expression of the TCR complex. CD3 is expressed by thymocytes in a developmentally regulated manner and by all mature T cells. Binding of 1452C11 to TCR initiates the intracellular biochemical pathway resulting in cellular activation, proliferation, and apoptosis depending on specific conditions utilized. 145-2C11 is commonly used as a phenotypic marker for mouse T cells.

For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption