

Product name:	CD3 epsilon (activation epitope) Mouse Monoclonal Antibody
Cat number:	MAB-94775
Conjugate:	Unconjugated
Size:	100 ug
Clone:	APA1/1
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG1
Immunogen:	Purified human CD3 proteins isolated from thymus
Reactivity:	Mouse, Human
Applications:	Flow cytometry: 1-4 µg/ml; positive control: human T cells stimulated with anti-CD3 (MEM-57) antibody (1 µg/ml). Immunocytochemistry: Fixed and permeabilised cells. The antibody can distinguish TCR-stimulated from non-stimulated cells. Immunoprecipitation Western blot Immunohistochemistry (frozen tissues)
Purification:	Purified by protein-A affinity chromatography.
Form:	Liquid
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage:	Store at 2-8°C. Do not freeze.
Background:	Sample preparation: At the end of stimulation of T cells, perform staining of surface markers (if required) in PBS + 0.1% BSA for 20 min. on ice. Wash with PBS and fix with 2% formaldehyde, 30 min on ice. Wash with PBS and incubate in PBS + 0.1% saponine, 5 min. RT. Incubate the cells in PBS + 1% BSA + 0.03% saponine, 15 min. on ice. Incubate with fluorescence-labeled APA1/1 antibody (1-2 µg/ml) in PBS + 1% BSA + 0.03% saponine in dark, 20 min. RT. Wash with PBS + 1% BSA + 0.03% saponine, resuspend in PBS.