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Product Datasheet

Anti-CD3 epsilon (activation epitope) Purified, Clone: [APA1/1], Monoclonal EXB-11-599-C100

Article Name	Anti-CD3 epsilon (activation epitope) Purified, Clone: [APA1/1], Monoclonal
Biozol Catalog Number	EXB-11-599-C100
Supplier Catalog Number	11-599-C100
Alternative Catalog Number	EXB-11-599-C100
Manufacturer	EXBIO
Category	Antikörper
Application	FC, ICC, IHC-Fr, IP, WB
Species Reactivity	Human, Mouse
Immunogen	Purified human CD3 proteins isolated from thymus
Product Description	CD3 complex is crucial in transducing antigen-recognition signals into the cytoplasm of T cells and in regulating the cell surface expression of the TCR complex. T cell activation through the antigen receptor (TCR) involves the cytoplasmic tails of t...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[APA1/1]
Isotype	Mouse IgG1
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage	2°C to 8°C
Target	CD3 epsilon (activation epitope)
Antibody Type	Monoclonal Antibody
Application Notes	Flow cytometry: Intracellular staining, recommended dilution: 1-4 µg/ml, positive control: human T cells stimulated with anti-CD3 (MEM-57) antibody (1 µg/ml). 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. Immunocytochemistry: Fixed and permeabilised cells. The antibody can distinguish TCR-stimulated from non-stimulated cells.