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Product Datasheet

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

Artikelname	Anti-CD3 epsilon (activation epitope) Purified, Clone: [APA1/1], Monoclonal
Artikelnummer	EXB-11-599-C100
Hersteller Artikelnummer	11-599-C100
Alternativnummer	EXB-11-599-C100
Hersteller	EXBIO
Kategorie	Antikörper
Applikation	FC, ICC, IHC-Fr, IP, WB
Spezies Reaktivität	Human, Mouse
Immunogen	Purified human CD3 proteins isolated from thymus
Produktbeschreibung	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...
Klonalität	Monoclonal
Konzentration	1 mg/ml
Klon-Bezeichnung	[APA1/1]
Isotyp	Mouse IgG1
Puffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Lagerung	2°C to 8°C
Target-Kategorie	CD3 epsilon (activation epitope)
Antibody Type	Monoclonal Antibody
Anwendungsbeschreibung	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.