

CD3E, CD3D

Mouse anti-Human CD3 (Clone MEM-57) mAb

Catalog No.	MON1004	Quantity:	100 µg
Alternate Names:	T-cell surface glycoprotein CD3 epsilon and delta chains, CD3e, CD3d		
Description:	<p>MON1004 reacts with epsilon and delta chain of CD3 complex. T cell activation through the antigen receptor (TCR) involves the cytoplasmic tails of the CD3 subunits CD3 gamma, CD3 delta, CD3 epsilon and CD3 zeta. These CD3 subunits are structurally related members of the immunoglobulins super family encoded by closely linked genes on human chromosome 11. The CD3 components have long cytoplasmic tails that associate with cytoplasmic signal transduction molecules. This association is mediated at least in part by a double tyrosine-based motif present in a single copy in the CD3 subunits. CD3 may play a role in TCR-induced growth arrest, cell survival and proliferation. The CD3 antigen is present on 68-82% of normal peripheral blood lymphocytes, 6 -85% of thymocytes and Purkinje cells in the cerebellum. It is never expressed on B or NK cells.</p>		
Concentration:	1 mg/ml		
Gene ID:	P07766, P04234		
Specificity:	CD3		
Host:	Mouse		
Immunogen:	Human thymocytes and T lymphocytes		
Isotype:	IgG2a		
Clone:	MEM-57		
Formulation:	PBS, 15 mM sodium azide, pH 7.4 Precaution: sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	IP, FC		
Storage & Stability:	Store at 2-8°C up to 1 year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.