

PTPRC

Mouse Anti-Human CD45RB (Clone MEM-55) mAb, FITC

Catalog No.	MON1153F	Quantity:	100 tests
Alternate Names:	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200, CD45		
Description:	MON 1153 recognizes a siliadase-sensitive epitope of CD45RB, a 180-240 kDa single chain type I membrane glycoprotein, variant of CD45 (CD45RB isoform). CD45RB is expressed on a subset of T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. Acts as a receptor for human cytomegalovirus protein UL11 and mediates binding of UL11 to T-cells, leading to reduced induction of tyrosine phosphorylation of multiple signaling proteins upon T-cell receptor stimulation and impaired T-cell proliferation.		
Concentration:	1 mg/ml		
UniProt ID:	P08575-9 Isoform 7		
Specificity:	Siliadase-sensitive epitope of CD45RB		
Host:	Mouse		
Immunogen:	Human thymocytes and T lymphocytes		
Isotype:	IgG ₁		
Clone:	MEM-55		
Formulation:	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary. Storage Buffer: PBS containing BSA and 15 mM sodium azide (pH 7.4) Suitable for 100 tests. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Cross-Reactivity:	Non-human primates		
Applications:	FC		
Application Notes:	The antibody can be used for flow cytometry using 20 µl reagent for 100 µl of whole blood or 10 ⁶ cells in a suspension.		
Storage & Stability:	Store undiluted antibody in the dark at 2-8°C until expiration date.		

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



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