

# CD3/CD8 Antibody Cocktail, FITC, PE

## Product Details

Size	100 TESTS
Species Reactivity	Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1/IgM
Class	Cocktail
Type	Antibody
Clone	IF4/OX-8
Conjugate	FITC , PE
Immunogen	Rat thymocyte membrane glycoproteins
Form	Lyophilized
Concentration	Conc. Not Determined
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2538219

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Neat	-
Miscellaneous PubMed (Misc)	-	4 Publications

## Product Specific Information

MA5-16727 contains a monoclonal mixture of FITC-conjugated CD3 (clone #IF4, Mouse IgM) and RPE-conjugated CD8 (clone #OX-8, Mouse IgG1). This antibody is a dual-color reagent recognizing rat CD3 and CD8 cell surface antigens. Clone IF4 recognizes rat CD3, a cell surface antigen expressed by mature lymphocytes. Clone OX8 recognizes rat CD8, a cell surface glycoprotein expressed by thymocytes and by the suppressor/cytotoxic subset of peripheral blood T cells. CD8 expression has also been reported upon rat macrophages.

Reconstitute with 1 mL of distilled water. After reconstitution, store product undiluted at 4°C in the dark.

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10<sup>6</sup> cells in 100 µL.

Miscellaneous PubMed (4)

<p>Transplantation</p> <p><b>Cyclosporine facilitates chimeric and inhibits nonchimeric tolerance after posttransplant total lymphoid irradiation.</b></p> <p>"MA5-16727 was used in flow cytometry to discuss tolerance to ACI heart allografts using rats."</p> <p>Authors: Lan F,Hayamizu K,Strober S</p>	<p>Year 2000</p> <p>Species Rat</p>
<p>Transplantation</p> <p><b>Comparison of chimeric acid and non-chimeric tolerance using posttransplant total lymphoid irradiation: cytokine expression and chronic rejection.</b></p> <p>"MA5-16727 was used in flow cytometry to study tolerance induction using heart allografts in Lewis rat."</p> <p>Authors: Hayamizu K,Lan F,Huie P,Sibley RK,Strober S</p>	<p>Year 1999</p> <p>Species Rat</p>

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