

# CD3/CD4 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/W3-25
Conjugate	FITC , PE
Immunogen	The details of the immunogen for this antibody are not currently available.
Form	Lyophilized
Concentration	Conc. Not Determined
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2538220

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

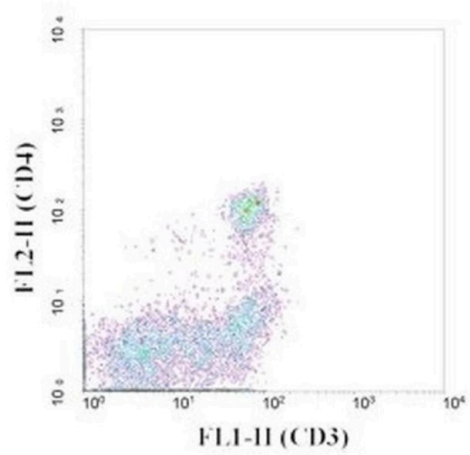
## Product Specific Information

MA5-16728 contains a monoclonal mixture of FITC-conjugated CD3 (clone #IF4, Mouse IgM) and RPE-conjugated CD4 (clone #W3/25, Mouse IgG1). This antibody is a dual-color reagent recognizing rat CD3 and CD4 cell surface antigens. Clone IF4 recognizes rat CD3, a cell surface glycoprotein expressed by mature T lymphocytes. Clone W3/25 recognizes rat CD4, a 55 kDa glycoprotein expressed by helper T lymphocytes, thymocytes and 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.

Product Images For CD3/CD4 Antibody Cocktail, FITC, PE



**CD3/CD4 Antibody (MA5-16728) in Flow**  
Flow cytometric analysis of rat spleen cells using a CD3+CD4 monoclonal antibody (Product # MA5-16728).

4 References

Miscellaneous PubMed (4)

Transplantation	Year 2000
<b>Cyclosporine facilitates chimeric and inhibits nonchimeric tolerance after posttransplant total lymphoid irradiation.</b>	Species Rat
"MA5-16728 was used in flow cytometry to discuss tolerance to ACI heart allografts using rats."	
Authors: Lan F,Hayamizu K,Strober S	
Transplantation	Year 1999
<b>Comparison of chimeric acid and non-chimeric tolerance using posttransplant total lymphoid irradiation: cytokine expression and chronic rejection.</b>	Species Rat
"MA5-16728 was used in flow cytometry to study tolerance induction using heart allografts in Lewis rat."	
Authors: Hayamizu K,Lan F,Huie P,Sibley RK,Strober S	

[View more Misc references on thermofisher.cn](#)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.