

CD44 Monoclonal Antibody (IM7.8.1), PE

Product Details	
Size	500 µL
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotope	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	IM7.8.1
Conjugate	PE
Immunogen	Myeloid cell line M1 induced with 1x10 ⁻⁵ M dexamethazone.
Form	Liquid
Purification	purified
Storage buffer	PBS with BSA
Contains	0.1% sodium azide
Storage Conditions	4° C
RRID	AB_10371894

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	0.1-0.25 µg / 1x10 ⁶ cells	4 Publications
Miscellaneous PubMed (MISC)	-		4 Publications

8 References

Flow Cytometry (4)

Immunology letters

Modeling Sjögren's syndrome with Id3 conditional knockout mice.

"Published figure using CD44 monoclonal antibody (Product # RM5704) in Flow Cytometry"

Authors: Guo Z,Li H,Han M,Xu T,Wu X,Zhuang Y

Species
Not Applicable

Dilution
Not Cited

Year
2011

The American journal of pathology

Ultraviolet B suppresses immunity by inhibiting effector and memory T cells.

"RM5704 was used in flow cytometry to elucidate whether UVB exposure inhibits the expansion of effector CD4+ and CD8+ T cells in skin-draining lymph nodes and reduces the number of CD4+ and IFN-gamma+ CD8+ T cells at sites of challenge"

Authors: Rana S,Byrne SN,MacDonald LJ,Chan CY,Halliday GM

Species
Not Applicable

Dilution
Not Cited

Year
2008

[View more Flow references on thermofisher.com](#)

Miscellaneous PubMed (4)

Blood

Involvement of p38 mitogen-activated protein kinase in different stages of thymocyte development.

"RM5704 was used in flow cytometry to suggest that p38 is involved in positive selection of T cells."

Authors: Hsu SC,Wu CC,Han J,Lai MZ

Species
Mouse

Dilution
Not Cited

Year
2003

Molecular and cellular biology

Increased p300 expression inhibits glucocorticoid receptor-T-cell receptor antagonism but does not affect thymocyte positive selection.

"RM5704 was used in flow cytometry to test if T-cell-specific expression of p300 alters GR-TCR cross talk between thymocytes."

Authors: Yu CT,Feng MH,Shih HM,Lai MZ

Species
Mouse

Dilution
Not Cited

Year
2002

[View more MISC references on thermofisher.com](#)

More applications with references on thermofisher.com

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.