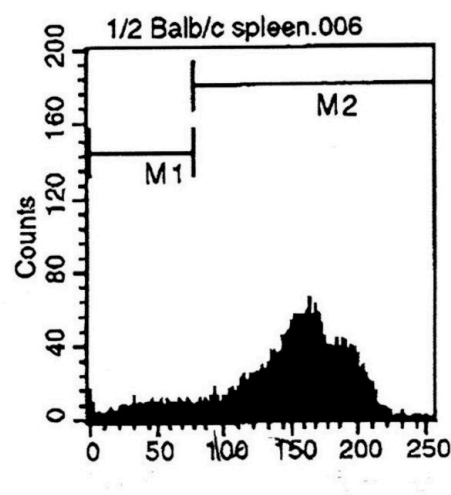


# CD44 Monoclonal Antibody (IM7.8.1), Biotin

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	IM7.8.1
Conjugate	Biotin
Immunogen	Mouse CD44
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein G
Storage buffer	PBS with 4-5mg/mL BSA
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2539260

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Flow Cytometry (Flow)	0.25 µg/1x10^6 cells	1 Publication
ELISA (ELISA)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	5 Publications

Product Images For CD44 Monoclonal Antibody (IM7.8.1), Biotin



**CD44 Antibody (MA5-17876) in Flow**  
Flow cytometric analysis of Spleen Cells staining using anti-CD44/H-CAM Monoclonal Antibody (Product # MA5-17876) at a 0.25 µg/10<sup>6</sup> cells dilution. The Isotypic control was a Biotin Rat IgG2b

6 References

Flow Cytometry (1)

Cell and tissue research	Year
<b>Thymic alterations in mice deficient for the SNARE protein VAMP8 /endobrevin.</b>	2008
"MA5-17876 was used in flow cytometry to elucidate the role of VAMP8 in the thymus"	
Authors: Kanwar N,Fayyazi A,Backofen B,Nitsche M,Dressel R,von Mollard GF	

Miscellaneous PubMed (5)

Immunology	Year
<b>CD8+ immunoregulatory cells in the graft-versus-host reaction: CD8 T cells activate dendritic cells to secrete interleukin-12/interleukin-18 and induce T helper 1 autoantibody.</b>	2003
"MA5-17876 was used in flow cytometry to examine interactions between alloreactive CD4 and CD8 T cells in mixed lymphocyte reactions and in the graft-versus-host reaction."	
Authors: Noble A,Leggat JA,Inderberg EM	

Journal of immunology (Baltimore, Md. : 1950)	Year
<b>On the pathogenic role of brain-sequestered alphabeta CD8+ T cells in experimental cerebral malaria.</b>	2002
"MA5-17876 was used in flow cytometry to study the role of host immune cells in the brain of Plasmodium berghei-infected mice."	
Authors: Belnoue E,Kayibanda M,Vigario AM,Deschemin JC,van Rooijen N,Viguier M,Snounou G,Rénia L	

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