

CD44 Monoclonal Antibody (IM7.8.1)

Product Details	
Size	200 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	IM7.8.1
Conjugate	Unconjugated
Immunogen	Mouse CD44
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
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_2539259

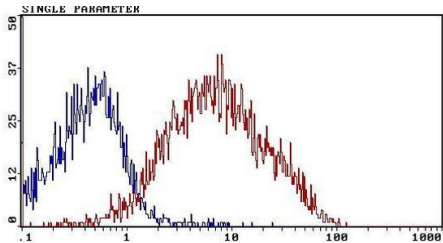
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Flow Cytometry (Flow)	0.2 µg/1x10^6 cells	13 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	5 Publications

Product Specific Information

MA5-17875 targets CD44/H-CAM in ELISA, FACS, IHC (F), IHC (P), IP, and WB applications and shows reactivity with Mouse samples.

The MA5-17875 immunogen is mouse CD44.

Product Images For CD44 Monoclonal Antibody (IM7.8.1)



CD44 Antibody (MA5-17875) in Flow
Flow cytometric analysis of Spleen cells stained using anti-CD44/H-CAM Monoclonal Antibody (Product # MA5-17875) at a 0.2 µg/10⁶ cells dilution. The Isotype control was a Purified Rat IgG2a

18 References

Flow Cytometry (13)

<p>Journal of veterinary internal medicine</p> <p>Safety of Intraperitoneal Injection of Adipose Tissue-Derived Autologous Mesenchymal Stem Cells in Cats.</p> <p>"MA5-17875 was used in flow cytometry to determine the safety of intraperitoneal injection in cats in adipose tissue-derived autologous mesenchymal stem cells"</p> <p>Authors: Parys M,Nelson N,Koehl K,Miller R,Kaneene JB,Kruger JM,Yuzbasiyan-Gurkan V</p>	<p>Year</p> <p>2016</p>
<p>PloS one</p> <p>Developmental dynamics of post-selection thymic DN iNKT.</p> <p>"MA5-17875 was used in flow cytometry to study the kinetics of iNKT cell precursors"</p> <p>Authors: Yassai M,Cooley B,Gorski J</p>	<p>Year</p> <p>2013</p>

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Miscellaneous PubMed (5)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>A transgenic mouse model genetically tags all activated CD8 T cells.</p> <p>"MA5-17875 was used in flow cytometry to track the dynamics of the antiviral CD8+ T cell responses using a transgenic mouse that marks activated T cells."</p> <p>Authors: Maris CH,Miller JD,Altman JD,Jacob J</p>	<p>Year</p> <p>2003</p> <p>Species</p> <p>Mouse</p>
<p>Immunology</p> <p>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.</p> <p>"MA5-17875 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."</p> <p>Authors: Noble A,Leggat JA,Inderberg EM</p>	<p>Year</p> <p>2003</p> <p>Species</p> <p>Mouse</p>

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