

CD8b Monoclonal Antibody (eBioH35-17.2 (H35-17.2)), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	eBioH35-17.2 (H35-17.2)
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_657757

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	6 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	3 Publications
Flow Cytometry (Flow)	0.5 µg/test	17 Publications
Immunoprecipitation (IP)	Assay-Dependent	-
Blocking Assay (BLOCK)	-	1 Publication

Product Specific Information

Description: The eBioH35-17.2 monoclonal antibody reacts with the mouse CD8 beta molecule. The CD8 beta chain associates with the CD8 alpha chain to form the CD8 alpha/beta heterodimer expressed on the surface of a majority of thymocytes, and on peripheral cytotoxic alpha beta TCR T cells. CD8 binds to MHC class I and plays a role in T cell development and activation of mature T cells.

Applications Reported: This eBioH35-17.2 (H35-17.2) antibody has been reported for use in flow cytometric analysis, immunoprecipitation, and immunohistochemical staining of frozen tissue sections.

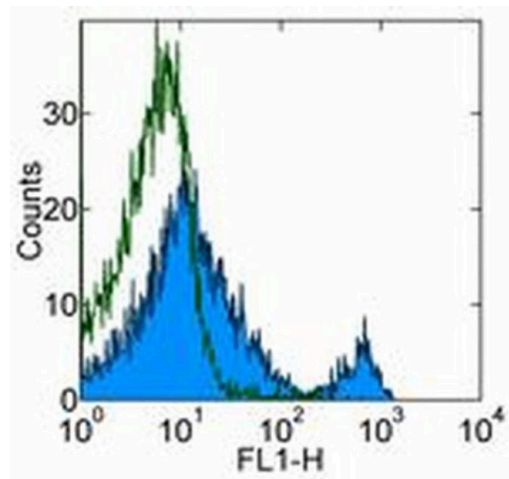
Applications Tested: This eBioH35-17.2 (H35-17.2) antibody has been tested by flow cytometric analysis of mouse splenocytes and thymocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD8b Monoclonal Antibody (eBioH35-17.2 (H35-17.2)), eBioscience™



CD8b Antibody (14-0083-82) in Flow

Staining of BALB/c splenocytes with 0.25 µg of Rat IgG2b Isotype Control Purified (Product # 14-4031-82) (open histogram) or 0.25 µg of Purified Anti-Mouse CD8b Purified (filled histogram) followed by Anti-Rat IgG FITC (Product # 11-4811-85). Cells in the lymphocyte gate were used for analysis.

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Immunohistochemistry (6)

Frontiers in immunology	Year 2019
An Antigen-Presenting and Apoptosis-Inducing Polymer Microparticle Prolongs Alloskin Graft Survival by Selectively and Markedly Depleting Alloreactive CD8⁺ T Cells.	Species Mouse
"14-0083 was used in Immunohistochemistry to document the high potential of PLGA MP-based KaAPCs as a novel antigen-specific immunotherapy for allograft rejection and autoimmune disorder."	
Authors: Wang W,Shahzad KA,Li M,Zhang A,Zhang L,Xu T,Wan X,Shen C	
Gut	Year 2017
Myeloid cells are required for PD-1/PD-L1 checkpoint activation and the establishment of an immunosuppressive environment in pancreatic cancer.	Species Mouse
"14008382 was used in immunohistochemistry to discuss the role of myeloid cells in pancreatic cancer pathogenesis"	
Authors: Zhang Y,Velez-Delgado A,Mathew E,Li D,Mendez FM,Flannagan K,Rhim AD,Simeone DM,Beatty GL,Pasca di Magliano M	
Dilution 1:75	

View more IHC references on thermofisher.cn

Immunohistochemistry (Frozen) (3)

Transplantation	Year 2012
NK cells are required for costimulatory blockade induced tolerance to vascularized allografts.	Species Mouse
"14-0083 was used in Immunohistochemistry on frozen tissues to investigate the role of NK cells in allograft tolerance, showing that they are required for costimulatory blockade induced tolerance to vascularised allografts."	
Authors: van der Touw W,Burrell B,Lal G,Bromberg JS	
Microbial pathogenesis	Year 1997
CD8alphaalpha T cells in lesions of Listeria monocytogenes-infected beta2m-deficient mice.	
Authors: Thoma-Uszynski S,Emoto M,Kaufmann SH	

View more IHC (F) references on thermofisher.cn

More applications with references on thermofisher.cn

- Flow (17)
- BLOCK (1)

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