

TER-119 Monoclonal Antibody (TER-119), Biotin, eBioscience™

Product Details

Size	100 µg
Species Reactivity	Mouse
Published Species	Fish, Human, Mouse
Host/Isotype	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	TER-119
Conjugate	Biotin
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, store in dark, DO NOT FREEZE!
RRID	AB_466797

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (IHC)	-	8 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	0.5 µg/test	125 Publications
Functional Assay (FN)	-	1 Publication
Miscellaneous PubMed (Misc)	-	13 Publications

Product Specific Information

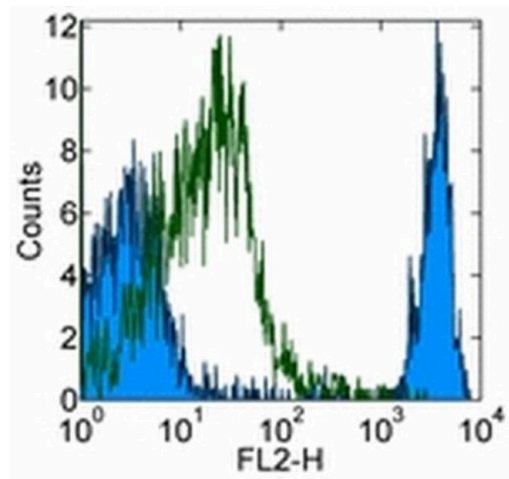
Description: The TER-119 monoclonal antibody reacts with mouse erythroid cells from early proerythroblast to mature erythrocyte stages. The TER-119 antigen is present in yolk sac, fetal and newborn liver, but is not expressed by cells carrying BFU-E and CFU-E activities. Several erythroleukemia cell lines tested so far are negative for expression of TER-119 antigen even after dimethylsulfoxide stimulation. Biochemical and molecular analysis of the TER-119 antigen indicate that this molecule is associated with the surface glycoprotein A, but is not a typical glycoprotein.

Applications Reported: The TER-119 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The TER-119 antibody has been tested by flow cytometric analysis of mouse splenocytes and bone marrow cells. 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.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For TER-119 Monoclonal Antibody (TER-119), Biotin, eBioscience™



TER-119 Antibody (13-5921-82) in Flow
Staining of BALB/c bone marrow cells with 0.25 µg of Rat IgG2b Isotype Control (Product # 12-4031-82) (open histogram) or 0.25 µg of Anti-Mouse TER-119 Biotin (filled histogram) followed by Streptavidin PE (Product # 12-4317-87). Cells in the small scatter population were used for analysis.

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150 References

Western Blot (1)

Life science alliance	Year 2021
SnRNA sequencing defines signaling by RBC-derived extracellular vesicles in the murine heart.	
"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Flow Cytometry"	
Authors: Valkov N, Das A, Tucker NR, Li G, Salvador AM, Chaffin MD, Pereira De Oliveira Junior G, Kur I, Gokulnath P, Ziegler O, Yeri A, Lu S, Khamesra A, Xiao C, Rodosthenous R, Srinivasan S, Toxavidis V, Tigges J, Laurent LC, Momma S, Kitchen R, Ellinor P, Ghiran I, Das S	

Immunohistochemistry (8)

Cardiovascular research	Year 2021
Plasma levels of trimethylamine-N-oxide can be increased with 'healthy' and 'unhealthy' diets and do not correlate with the extent of atherosclerosis but with plaque instability.	
"13-5921 was used in Immunohistochemistry to reconcile contradictory data on TMAO."	
Authors: Koay YC, Chen YC, Wali JA, Luk AWS, Li M, Doma H, Reimark R, Zaldivia MTK, Habtom HT, Franks AE, Fusco-Allison G, Yang J, Holmes A, Simpson SJ, Peter K, O'Sullivan JF	
	Species Mouse
	Dilution 1:400

The Journal of clinical investigation	Year 2018
Ribonuclease inhibitor 1 regulates erythropoiesis by controlling GATA1 translation.	
"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Immunocytochemistry"	
Authors: Chennupati V, Veiga DF, Maslowski KM, Andina N, Tardivel A, Yu EC, Stilianovic M, Simillion C, Duchosal MA, Quadroni M, Roberts I, Sankaran VG, MacDonald HR, Fasel N, Angelillo-Scherrer A, Schneider P, Hoang T, Allam R	

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Immunocytochemistry (2)

Ribonuclease inhibitor 1 regulates erythropoiesis by controlling GATA1 translation.

"Published figure using TER-119 monoclonal antibody (Product # 13-5921-82) in Immunocytochemistry"

Authors: Chennupati V,Veiga DF,Maslowski KM,Andina N,Tardivel A,Yu EC,Stilinovic M,Simillion C,Duchosal MA,Quadroni M,Roberts I,Sankaran VG,MacDonald HR,Fasel N,Angelillo-Scherrer A,Schneider P,Hoang T,Allam R

More applications with references on thermofisher.com

Flow (125)

FN (1)

Misc (13)

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