

TER-119 Monoclonal Antibody (TER-119), Brilliant Ultra Violet™ 395, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), Brilliant Ultra Violet™ 395, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	TER-119
Conjugate	Brilliant Ultra Violet™ 395
Excitation/Emission Max	347/399 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2925292

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1.0 µg/test	-

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: This TER-119 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This TER-119 antibody has been tested by flow cytometric analysis of mouse bone marrow cells. This may be used at less than or equal to 1.0 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.

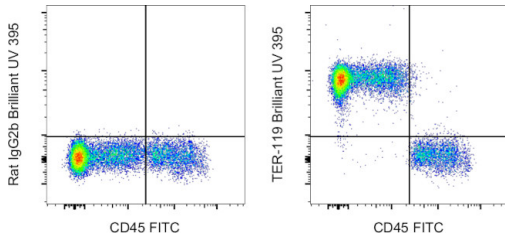
Brilliant Ultra Violet™ 395 (BUV395) is a dye that emits at 395 nm and is intended for use on cytometers equipped with an ultraviolet (355 nm) laser. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright, Brilliant Violet™, Brilliant Ultra Violet™, or other polymer dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401-42) or Brilliant Stain Buffer™ (Product # 00-4409-75) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer or Brilliant Stain Buffer for more information.

Excitation: 350 nm; Emission: 395 nm; Laser: Ultraviolet Laser.

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Product Images For TER-119 Monoclonal Antibody (TER-119), Brilliant Ultra Violet™ 395, eBioscience™



TER-119 Antibody (363-5921-80) in Flow

C57BL/6 mouse bone marrow cells were stained with CD45 Monoclonal Antibody, FITC (Product # 11-0451-82) and 0.5 µg of Rat IgG2b kappa Isotype Control, Brilliant Ultra Violet 395 (Product # 363-4031-81) (left) or 0.5 µg of TER-119 Monoclonal Antibody, Brilliant Ultra Violet 395 (right). Total viable cells were used for analysis, as determined by 7-AAD (Product # 00-6993-50).

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