TECHNICAL DATA SHEET

Purified Anti-Mouse TER-119 (TER-119)

Catalog Number: 70-5921

PRODUCT INFORMATION

Contents: Purified Anti-Mouse TER-119 (TER-119)

Isotype: Rat IgG2b, kappa

Concentration: 0.5 mg/mL

Clone: TER-119

Reactivity: Mouse

Formulation: 10 mM NaH2PO4, 150 mM NaCl, 0.09% NaN3, pH7.2

DESCRIPTION

The TER-119 antibody is named for the antigen to which it binds, a 52 kDa surface protein that is associated with glycophorin-A. TER-119 is considered to be a lineage marker for later stages of erythroid cell development, as its expression begins at the pro-erythroblast stage. TER-119 antigen is not expressed at either BFU-E or CFU-E stages, i.e. prior to the pro-erythroblast stage.

PREPARATION & STORAGE

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

APPLICATION NOTES

This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Citations are provided as a convenience to you - please consult Materials and Methods sections for additional details about the use of any product in these publications.

REFERENCES

Berent-Maoz B, Montecino-Rodriguez E, Signer RAJ, and Dorshkind K. 2012. Blood. 119: 5715-5721. (flow cytometry)Kil LP, de Bruijn MJW, van Nimwegen M, Corneth OBJ, van Hamburg JP, Dingjan GM, Thaiss F, Rimmelzwaan GF, Elewaut D, Delsing D, van Loo PF, and Hendriks RW. 2012. Blood. 119: 3744-3756. (in vitro depletion)Hardy CL, LeMasurier JS, Belz GT, Scalzo-Inguanti K, Yao J, Xiang SD, Kanellakis P, Bobik A, Strickland DH, Rolland JM, O'Hehir RE, and Plebanski M. 2012. 188: 1431-1441. (in vitro depletion)Osada M, Inoue O, Ding G, Shirai T, Ichise H, Hirayama K, Takano K, Yatomi Y, Hirashima M, Fujii H, Suzuki-Inoue S, and Ozaki Y. 2012. J. Biol. Chem. 287: 22241-22252. (immunofluorescence microscopy – paraffin embedded tissue)Maetens M, doumont G, De Clercq S, Francoz S, Froment P, Bellefroid E, Klingmuller U, Lozano G, and Marine J-C. 2007. Blood. 109: 2630-2633. (immunofluorescence microscopy – OCT embedded frozen tissue)Kina T, Ikuta K, Takayama E, Wada K, Majumdar AS, Weissman IL, and Katsura Y. 2000. Br. J. Haematol. 109(2): 280-287. (immunoprecipitation, western blot)

NOTE: Please choose the appropriate format for each application. Citations are provided as a convenience to you; please consult Materials and Methods sections for additional details about the use of any product in these publications.