Haematologica HAEMATOL/2016/151555 Version 4

CD244 maintains the proliferation ability of leukemia initiating cells through SHP-2/p27kip1 signaling

Feifei Zhang, Xiaoye Liu, Chiqi Chen, Jun Zhu, Zhuo Yu, Jingjing Xie, Li Xie, Haitao Bai, Yaping Zhang, Xia Fang, Hao Gu, Chun Wang, Wei Weng, Cheng Cheng Zhang, Guo-Qiang Chen, Aibing Liang, and Junke Zheng

Disclosures: This work was supported by grants from National Basic Research Program of China (973Program, 2014CB965000), the Innovation Program of Shanghai Municipal Education Commission (13G20), National Natural Science Foundation of China (81370654, 81422001, 81570093), the 1000-Youth Elite Program, the Program for Professor of Special Appointment (Eastern Scholar) at Shanghai Institutions of Higher Learning, 1R01CA172268, CPRIT RP140402, and Taishan Scholar Immunology Program.

Contributions: Contribution: F.Z., X.L., G.C., A.L. and J.Z. designed the experiments, analyzed data, and wrote the paper; C.C., J.Z., Z.Y., J.X., L.X., H.B., Y.Z., H. G. and X.F. performed the experiments; and C.W., W.W. and C.C.Z. provided reagents and helped with the experiments.