## Haematologica HAEMATOL/2019/225573 Version 5 Signal-transducing adaptor protein-2 delays recovery of B lineage lymphocytes during hematopoietic stress

Michiko Ichii, Kenji Oritani, Jun Toda, Hideaki Saito, Henyun Shi, Hirohiko Shibayama, Daisuke Motooka, Yuichi Kitai, Ryuta Muromoto, Jun-ichi Kashiwakura, Kodai Saitoh, Daisuke Okuzaki, Tadashi Matsuda, and Yuzuru Kanakura

Disclosures: 1)This work was supported in part by Japan Society for the Promotion of Science KAKENHI (grant no. 16K09872, 19H03364, 19K08815), Otsuka Pharmaceutical, and Kyowa Kirin Co.,Ltd. 2)M.Ichii have received speakers bureau from Celgene, Kowa Pharmaceutical, Takeda Pharmaceutical and Novartis outside the submitted work. H.Shibayama have received honoraria from Jansen, honoraria and research funding from Bristol-Meyer Squibb, Celgene, Fujimoto Pharmaceutical, Mundipharma, Novartis, Ono Pharmaceutical, and Takeda Pharmaceutical outside the submitted work. K.Oritani have received speakers bureau from Novartis outside the submitted work. Y.Kanakura have received consultancy, honoraria, and research funding from Alexion outside the submitted work. The remaining authors declare no competing financial interests. 3) NA

Contributions: M.I. designed research, collected data, analyzed data, and wrote the paper. K.O., H.Shibayama, and T.M. analyzed data, and wrote the paper. H. Shih., J.T., H.Saito, D.M., and D.O. collected and analyzed data. Y.Kitai, R.M., J.K. and K.S. supplied materials. Y.Kanakura supervised the research and wrote the paper. All authors reviewed and approved the manuscript.