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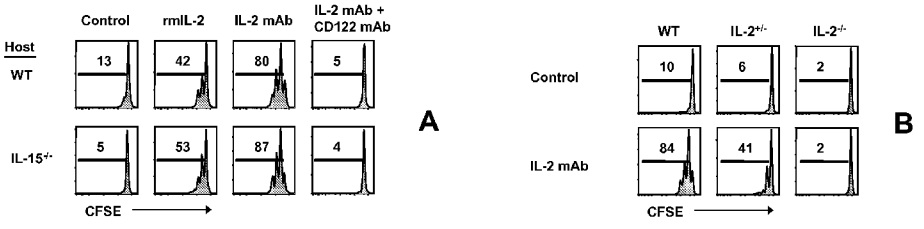
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(54) **Title:** METHODS FOR IMPROVING IMMUNE FUNCTION AND METHODS FOR PREVENTION OR TREATMENT OF DISEASE IN A MAMMALIAN SUBJECT



(57) **Abstract:** A method for increasing a biological activity of a cytokine or lymphokine and a method of treating a neoplastic disease, autoimmune disease, or infectious disease, and a method for expanding a hematopoietic cell population, is provided by administering an antibody capable of binding a cytokine or by administering a cytokine complexed with an antibody or by administering a cytokine complexed with a cytokine receptor to a mammalian subject in need thereof.