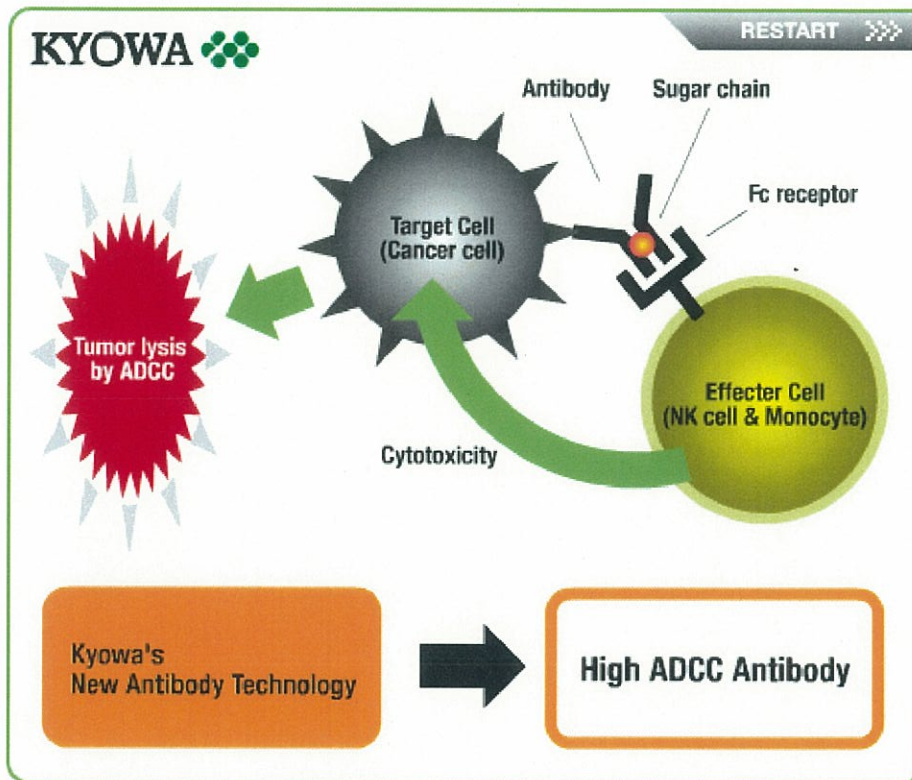


ADCC Activity



ADCC activity is one of the functions of the human immune system. With this activity, white blood cells such as NK cells and monocytes kill target cells like cancer cells.

ADCC activity is one of the major anticancer mechanisms of already launched therapeutic antibodies such as Herceptin, a drug for metastatic breast cancer, and Rituxan, a drug for non-Hodgkin's lymphoma. Enhancing this activity is in the spotlight worldwide as a next-generation antibody technology. This approach is also expected to have significant advantages to lower costs and to reduce side effects since such enhanced efficacy enables low-dosage treatment.

Reference

JBC Online dated November 8, 2002. ; J. Biol. Chem, 10.1074/jbc.M210665200