

ABSTRACT

An anticancer agent kit includes: an anticancer activity enhancer having autophagy inhibitory activity and containing molecular hydrogen as an anticancer activity enhancing substance; and an anticancer agent. Targeted cancer cells are at least one of human cervical cancer-derived HeLa cells, human colon cancer-derived Caco-2 cells, or human colorectal cancer-derived HCT116 cells, autophagy of which is inhibited by the molecular hydrogen. The anticancer activity enhancer is electrolyzed hydrogen water, the anticancer agent contains an active ingredient having an autophagy activating effect, and the molecular hydrogen enhances an anticancer effect of the anticancer agent by inhibiting the autophagy activating effect of the anticancer agent.

FIG. 8