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[\[PDF \(107K\)\]](#) [\[References\]](#)**Antitumor Effect of Trehalose on Sarcoma 180 in ICR Mice**Yuuichi Ukawa¹⁾, Yeunhwa Gu²⁾, Makoto Ohtsuki³⁾, Ikukatsu Suzuki³⁾ and Makoto Hisamatsu⁴⁾

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An antitumor activity on oral administration of trehalose was investigated by using ICR mice implanted Sarcoma 180. After implanting of Sarcoma 180, five kinds of saline solutions containing trehalose (10 to 250 mg/kg) were administered to mice daily for 10 days. The antitumor effect of trehalose was evaluated by measuring tumor sizes for 3 weeks and tumor weights on week 3. Approximately 70% inhibition ratio was observed in the tested groups administered a dose higher than dose of 25 mg/kg.

Key words: trehalose, antitumor activity, Sarcoma 180[\[PDF \(107K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

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