

another line up

Anti-CD44 mAb

Background

CD44 is a receptor of various extracellular matrices and involved in cell motility. CD44 is expressed on **cancer stem cell** population originated from various cancer as well as environmental stromal cell component.

anti-CD44 mAb

This mAb react with only mouse CD44. Commercially available CD44 antibody reacts with both mouse and human CD44. When human cancer cells are inoculated into mouse, previous CD44 antibody reacts with human cancer cells and mouse stroma cells and then distinction between mouse or human cells is quite difficult. This mAb only react with mouse CD44. Therefore, environmental CD44 can be clearly distinguished.

Application

Immunohistochemistry

Flowcytometry

Western blotting-IP

