

Supplementary Table 1. Association of EGFR mutation rate with serum and pleural fluid CEA levels

Serum/pleural fluid	PF CEA < 160.2 ng/mL ^{a)}	PF CEA ≥ 160.2 ng/mL	EGFR/total
Serum CEA < 13.6 ng/mL ^{a)}	21/65 (32.3)	6/15 (40.0)	27/80 (33.8)
Serum CEA ≥ 13.6 ng/mL	8/15 (53.3)	39/66 (59.1)	47/81 (58.0)
EGFR/Total	29/80 (36.3)	45/81 (55.6)	74/161 (45.9)

Values are the number of EGFR-mutant lung cancer patients (EGFR-n)/the number of total lung cancer patients (total-N) (%).

CEA, carcinoembryonic antigen; EGFR, epidermal growth factor receptor; PF, pleural fluid.

^{a)}Serum CEA 13.6 ng/mL and pleural fluid 160.2 ng/mL are corresponding median values in 161 patients with both available values.