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Impact of Exploratory Biomarkers on the Treatment Effect of Bevacizumab in Metastatic Breast Cancer

EGFR Fluorescence In situ Hybridization Pattern of Chromosome 7 Disomy Predicts Resistance to Cetuximab in KRAS Wild-type Metastatic Colorectal Cancer Patients
Yu-Hong Li, Fang Wang, Lin Shen, Yan-Ming Deng, Qiong Shao, Fen Feng, Xin An, Feng-Hua Wang, Zhi-Qiang Wang, Rui-Hua Xu, and Jian-Yong Shao
ABOUT THE COVER

Immunofluorescence analysis demonstrating the cytoplasmic localization of galectin-3 in CD18/HPAF pancreatic cancer cells transfected with scramble control vector. The cells were grown at low density on sterile cover slips for 20 hours. After washing with 0.1 M HEPES-containing Hanks buffer, the cells were fixed in ice-cold methanol at -20°C for 2 minutes. After nonspecific blocking with 10% goat serum, cells were incubated with anti-galectin-3 antibody in PBS for 90 minutes at room temperature. Cells were washed 3 to 4 times with PBS containing 0.05% Tween-20 (PBS-T) and then incubated with FITC-conjugated anti-rat secondary antibodies for 60 minutes. The cells were counterstained with propidium iodide. Finally, slides were washed, mounted, and observed under a ZEISS confocal laser-scanning microscope. Photographs were digitally captured by using 510-software. For further details, please see Senapati and coworkers on page 267 in this issue.