Suppl. 4

A
B
C
D

ephrin-B1
pY317

merge
Supplementary information 4

The cell-cell contact induced the tyrosine-phosphorylation of ephrin-B1 in MDCK cells. MDCK cells expressing ephrin-B1 were plated at a low cell density. Column B-D: The cells were immunostained with anti-ephrin-B1 (red) and anti-pTyr ephrin-B1 (green) antibodies. In column A, incubation with primary anti-pTyr ephrin-B1 antibody was omitted prior to incubation with the secondary antibody. When the cells adhered, the tyrosine phosphorylation of ephrin-B1 was observed predominantly on the cell-to-cell contact sites (columns C and D).