Supplementary Figure 2  Specific dephosphorylation of Eph receptors by Ptpro.  (a) The DA mutant of Ptpro is specifically coimmunoprecipitated with Eph receptors. NIH3T3 cells were transfected with expression plasmids in the indicated combinations. Equal amounts of cell lysates were immunoprecipitated with anti-HA (for Ptpro and DEP1) or anti-Ptprz antibodies, and analyzed by SDS-PAGE and immunoblotting using anti-Myc (Myc).  (b) Ptpro, but not CD45, Ptprz, or DEP1, dephosphorylates EphA4 and EphB2. NIH3T3 cells were transfected with the indicated expression plasmids. Cell lysates were immunoprecipitated with anti-Myc antibodies, and the protein complexes obtained were analyzed using anti-phosphotyrosine (pTyr) and anti-Myc (Myc) antibodies. Lane 1 is a negative control with the empty vector. RO, Ptpro; RZ, Ptprz.