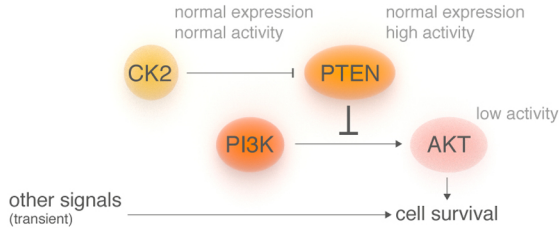
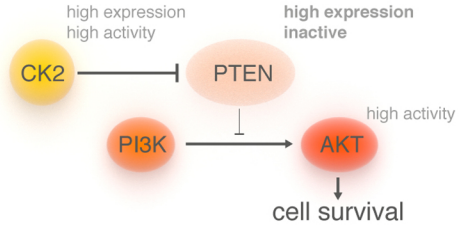


Adult B-cell acute lymphoblastic leukemia cells display decreased PTEN activity and constitutive hyperactivation of PI3K/AKT pathway despite high PTEN protein levels

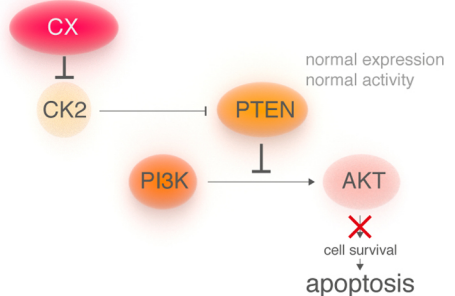
healthy bone marrow cells



adult B-ALL cells



CX-4945/Silmitasertib treatment reduces CK2 activity and restores the inhibitory effect of PTEN



CX-4945/Silmitasertib treatment has limited effect on normal bone marrow cells