

Adenoviral Knockdown Virus Data Sheet

Vector Information

Vector: E1/E3 deleted adenoviral serotype 5 vector
Expression cassette: shRNA under control of human U6 promoter

Target Information

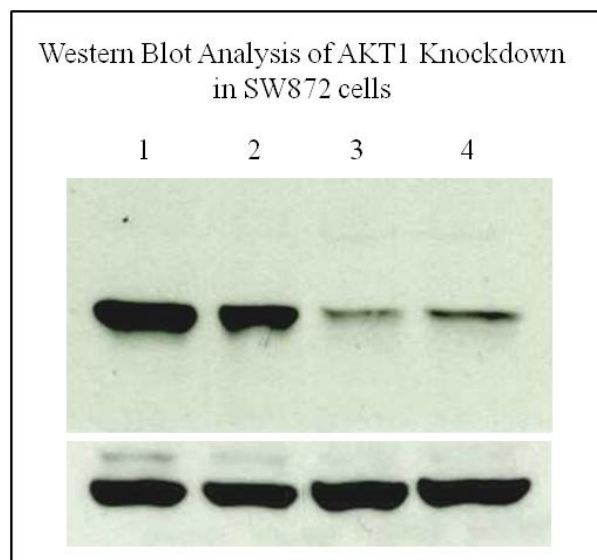
Target Gene: **AKT1**
Specimen: Homo sapiens
RefSeq#: NM_005163

Validation

Validation Method: Western Blot
Cell line used for validation: SW872
Total protein prepared: 72 h post transduction
Antibody used for validation: CST antibody #2938
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

Line 3: KD rel. to none transduced cells 95%
Line 4: KD rel. to none transduced cells 90%



Western Blot showing AKT1 expression in extracts prepared from SW872 cells (lane 1), SW872 cells transduced with control vector (lane 2) and with the adenoviral vectors Ad-shAKT1 expressing a shRNA directed against AKT1 mRNA (lane 3 and 4). Control protein β -Actin.