

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

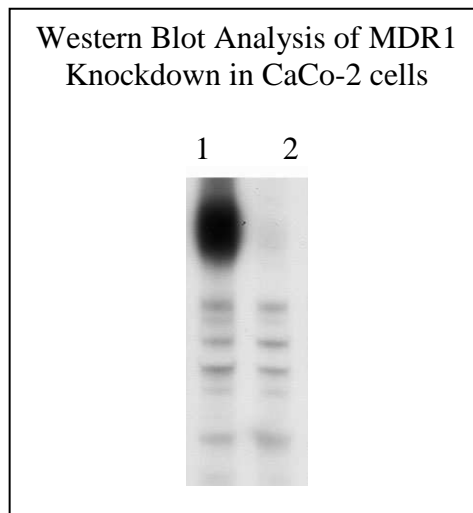
Target Gene: **multidrug resistance (MDR1)**
Specimen: homo sapiens
RefSeq#: NM_000927

Validation

Validation Method: Western Blot
Cell line used for validation: CaCo-2
Total protein prepared: 64 h post transduction
Antibody used for validation: CST antibody #3738
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

KD rel. to none transduced cells 95%



Western Blot showing MDR1 expression in extracts prepared from CaCo-2 cells (lane1), CaCo-2 Cells transduced with the adenoviral vector Ad-shMDR1 expressing a shRNA directed against MDR1 mRNA (lane 3).