

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

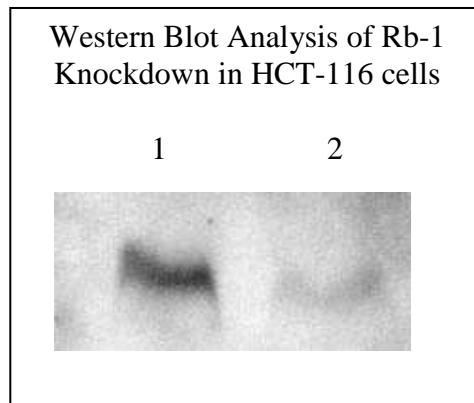
Target Gene: **Retinoblastoma 1 (Rb-1)**
Specimen: Homo sapiens
RefSeq#: NM_000321

Validation

Validation Method: Western Blot
Cell line used for validation: HCT-116
Total protein prepared: 64 h post transduction
Antibody used for validation: CST antibody #9309
Detection Method: ECL
Quantification Method: Densitometrically
Quantification Software: Quantity One (BioRad)

Results

KD rel. to cells transduced with control virus >90%



Western Blot showing Rb-1 expression in extracts prepared from HCT-116 cells. HCT-116 cells transduced with control vector (lane 1) and with the adenoviral vector Ad-shRb-1 expressing a shRNA directed against Rb-1 mRNA (lane 2).