

## 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

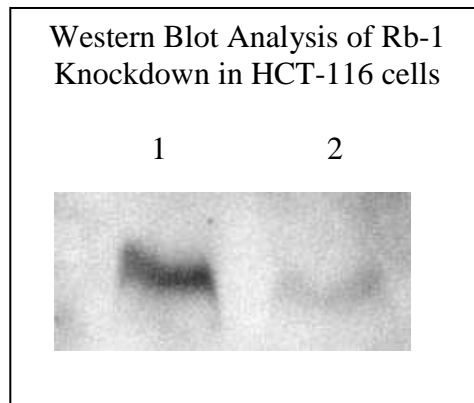
Target Gene: **Retinoblastoma 1 (Rb-1)**  
Specimen: Homo sapiens  
RefSeq#: NM\_000321

### 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).