

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

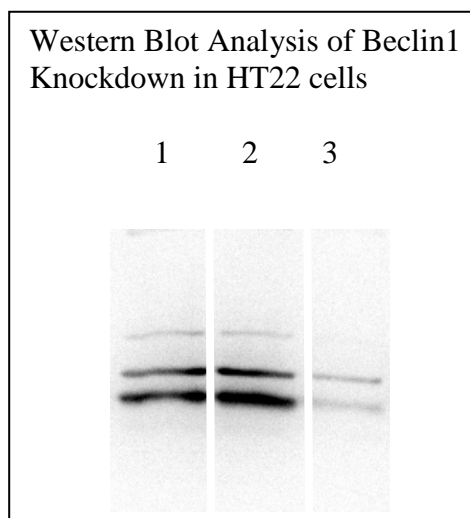
Target Gene: **Beclin1**
Specimen: Mus musculus
RefSeq#: NM_003766

Validation

Validation Method: Western Blot
Cell line used for validation: HT22
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: 80%
KD rel. to cells transduced with control virus: 85%



Western Blot showing Beclin1 expression in extracts prepared from HT22 cells (lane1), HT22 cells transduced with control vector (lane 2) and with the adenoviral vector Ad-shBeclin1 expressing a shRNA directed against Beclin1 mRNA (lane 3).