

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08190 - Goat Anti-ERCC1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ERCC1, excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence), COFS4, UV20, excision repair cross-complementing 1, excision repair protein

**Official Symbol:** ERCC1

**Accession Number(s):** NP\_973730.1; NP\_001974.1

**Human GeneID(s):** [2067](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_973730.1 and NP\_001974.1).

### Immunogen

Peptide with sequence DPGKDKEGVPQPS-C, from the N Terminus of the protein sequence according to NP\_973730.1; NP\_001974.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 38kDa band observed in lysates of cell lines A431 and Kelly (calculated MW of 35.6kDa according to NP\_973730.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB08190 (0.3µg/ml) staining of A431 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.