



## UK Office

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

## EB08191 - 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; NP\_001159521.1

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

### Immunogen

Peptide with sequence C-QVDVKDPQQALKE, from the internal region of the protein sequence according to NP\_973730.1; NP\_001974.1; NP\_001159521.1.

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 1:4000.

**Immunofluorescence:** Strong expression of the protein seen in the nuclei of A431 and U2OS cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow

EB08191 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB08191 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).