

A1605

Leader in Biomolecular Solutions for Life Science



## ERCC5 Rabbit pAb

Catalog No.: A1605

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

133kDa

#### Category

Polyclonal Antibody

#### Applications

IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a single-strand specific DNA endonuclease that makes the 3' incision in DNA excision repair following UV-induced damage. The protein may also function in other cellular processes, including RNA polymerase II transcription, and transcription-coupled DNA repair. Mutations in this gene cause xeroderma pigmentosum complementation group G (XP-G), which is also referred to as xeroderma pigmentosum VII (XP7), a skin disorder characterized by hypersensitivity to UV light and increased susceptibility for skin cancer development following UV exposure. Some patients also develop Cockayne syndrome, which is characterized by severe growth defects, cognitive disability, and cachexia. Read-through transcription exists between this gene and the neighboring upstream BIVM (basic, immunoglobulin-like variable motif containing) gene.

### Recommended Dilutions

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

2073

#### Swiss Prot

P28715

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human ERCC5 (NP\_000114.2).

#### Synonyms

XPG; UVDR; XPGC; COFS3; ERCM2; ERCC5-201; ERCC5

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

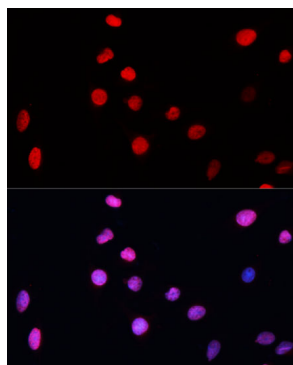
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

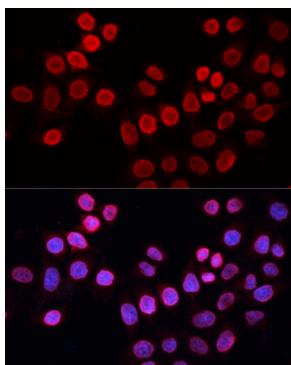
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

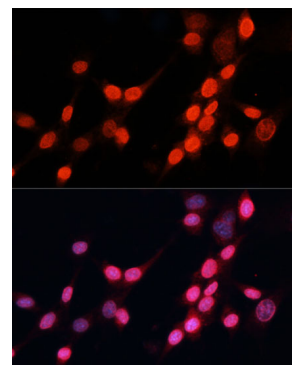
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Immunofluorescence analysis of C6 cells using ERCC5 Polyclonal Antibody (A1605) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using ERCC5 Polyclonal Antibody (A1605) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using ERCC5 Polyclonal Antibody (A1605) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.