Product Datasheet

ERCC5 antibody

Catalog No: #38266

Package Size: #38266-1 50ul #38266-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

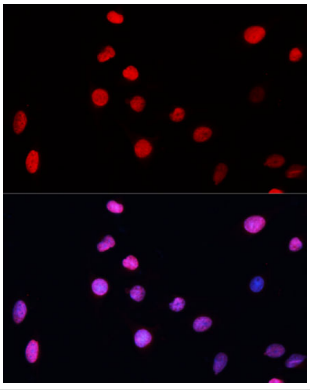
Description

Product Name	ERCC5 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ERCC5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ERCC5.
Target Name	ERCC5
Other Names	XPG; UVDR; XPGC; COFS3; ERCM2;
Accession No.	Swiss-Prot#: P28715NCBI Gene ID: 2073
Uniprot	P28715
GeneID	2073;
SDS-PAGE MW	133kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

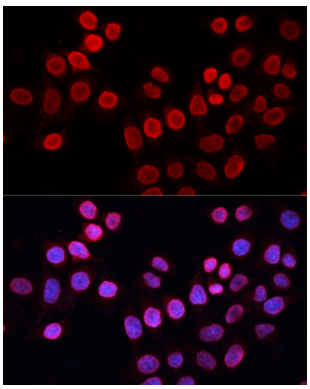
Application Details

IF□1:50 - 1:200

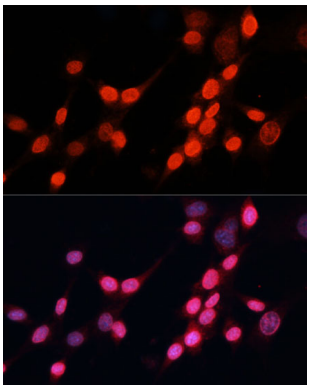
Images



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



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



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

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, mental retardation, and cachexia. Read-through transcription exists between this gene and the neighboring upstream BIVM (basic, immunoglobulin-like variable motif containing) gene. [provided by RefSeq, Feb 2011]

Note: This product is for in vitro research use only