

ERCC5 rabbit monoclonal antibody

Catalog # H00002073-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ERCC5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ERCC5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ERCC5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ERCC5

Entrez GeneID	2073
GeneBank Accession#	ERCC5
Gene Name	ERCC5
Gene Alias	COFS3, ERCC2, UVDR, XPG, XPGC
Gene Description	excision repair cross-complementing rodent repair deficiency, complementation group 5
Omim ID	133530 214150 278780
Gene Ontology	Hyperlink
Gene Summary	Excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G) is involved in excision repair of UV-induced DNA damage. Mutations cause Cockayne syndrome, which is characterized by severe growth defects, mental retardation, and cachexia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been described, but the biological validity of all variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000064902 XPG-complementing protein excision repair protein xeroderma pigmentosum complementation group G protein xeroderma pigmentosum, complementation group G

Pathway

- [Nucleotide excision repair](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Ataxia telangiectasia](#)

- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chromosome Aberrations](#)
- [Cockayne syndrome](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [HIV Seropositivity](#)

- [Hodgkin Disease](#)
- [Hyperplasia](#)
- [Hypopharyngeal Neoplasms](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Occupational Diseases](#)
- [Oropharyngeal Neoplasms](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)

- [Ovarian Neoplasms](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Sarcoma](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Ureteral Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)