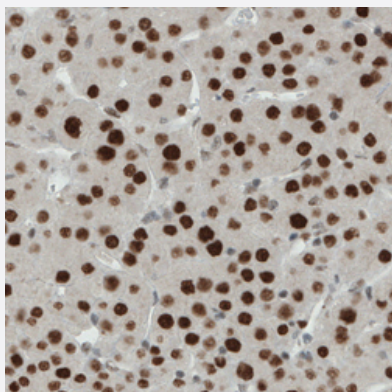


ERCC1 monoclonal antibody, clone CL1249

Catalog # MAB15676 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver cancer with ERCC1 monoclonal antibody, clone CL1249 (Cat # MAB15676) shows strong nuclear positivity in tumor cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ERCC1.
Immunogen	Recombinant protein corresponding to human ERCC1.
Epitope	This antibody binds to an epitope located within the peptide sequence KARRLFDVLH as determined by overlapping synthetic peptides.
Sequence	LADCTLILAWSPEEAGRYLETYKAYEQKPADLLMEKLEQDFVSRVTECLTTVKS VNKTDSQTLTT FGSLEQLIAASREDLALCPGLGPQKARRLFDVLHEPFLKVP
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG2a

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — ERCC1

Entrez GeneID	2067
Protein Accession#	P07992
Gene Name	ERCC1
Gene Alias	COFS4, UV20
Gene Description	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)
Omim ID	126380 610758
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	excision repair cross-complementing 1 excision repair protein

Pathway

- [Nucleotide excision repair](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Anemia](#)
- [Ataxia telangiectasia](#)
- [Azoospermia](#)
- [Biliary Tract Neoplasms](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)

- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Heartburn](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Diseases](#)
- [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 Myeloma](#)
- [Multiple Sclerosis](#)
- [Nasopharyngeal Neoplasms](#)
- [Nausea](#)

- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neurotoxicity Syndromes](#)
- [Neutropenia](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Peripheral Nervous System Diseases](#)
- [Pharyngeal Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vomiting](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)