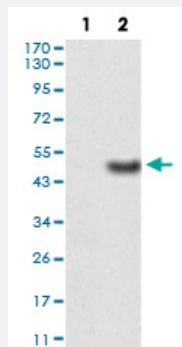


ERCC1 monoclonal antibody, clone 1E5B3

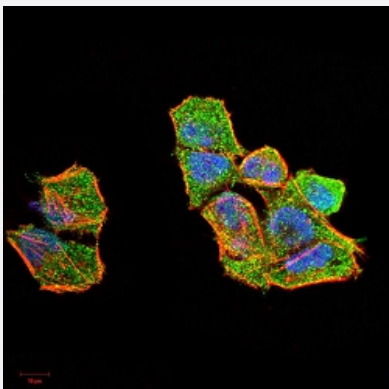
Catalog # MAB16695 Size 100 ug

Applications



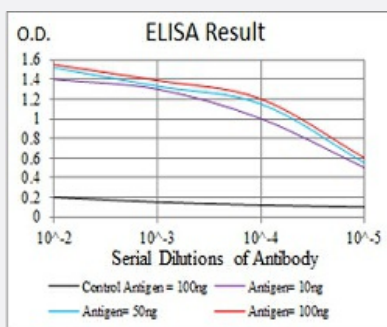
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: ERCC1-hlgGFc transfected HEK293 cell with ERCC1 monoclonal antibody.



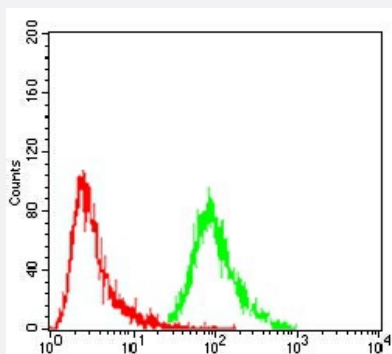
Immunocytochemistry

Immunocytochemical staining of HeLa cells with ERCC1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ERCC1 monoclonal antibody, clone 1E5B3.



Flow Cytometry

Flow cytometric analysis of A549 cells with ERCC1 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human ERCC1.
Immunogen	Recombinant protein corresponding to amino acid 151-297 of human ERCC1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	32.6
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% 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

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: ERCC1-hlgGfc transfected HEK293 cell with ERCC1 monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of Hela cells with ERCC1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ERCC1 monoclonal antibody, clone 1E5B3.

- Flow Cytometry

Flow cytometric analysis of A549 cells with ERCC1 monoclonal antibody (green) and negative control (red).

Gene Info — ERCC1

Entrez GeneID	2067
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](#)