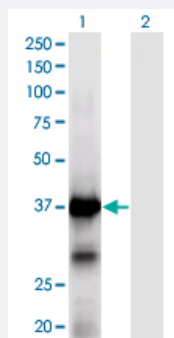


XPA monoclonal antibody (M01), clone 2E4

Catalog # H00007507-M01

Size 100 ug

Applications

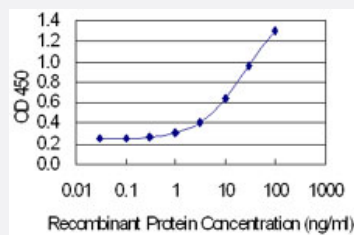


Western Blot (Transfected lysate)

Western Blot analysis of XPA expression in transfected 293T cell line by XPA monoclonal antibody (M01), clone 2E4.

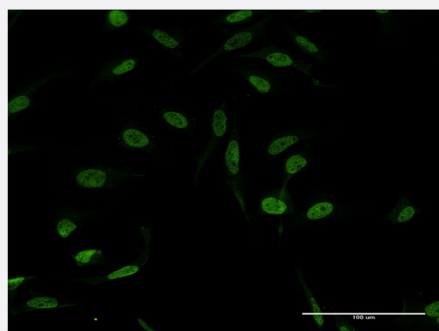
Lane 1: XPA transfected lysate (Predicted MW: 31.4 KDa).

Lane 2: Non-transfected lysate.



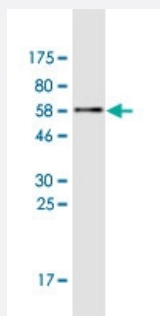
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged XPA is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to XPA on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (57.8 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant XPA.
Immunogen	XPA (NP_000371.1, 1 a.a. ~ 273 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAADGALPEAAALEQPAELPASVRASIERKRQRALMLRQARLAARPYSATAAAATGGMANVKA APKIIDTGGGFILEEEEEEEQKIGKVHQPVPVMEFDYVICEECGKEFMDSYLMNHFDLPTCDNCR DADDKHKLITKTEAKQEYLLKDCDLEKREPPLKFVKKNP HHSQWGMKLYLKLQVKRSLEVWG SQEAL EEAKEVRQENREKMKQKKFDKKVKELRRAVRSSVWKRETVMHQHEYGPEENLEDDMYR KTCTMCGHELTYEKM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of XPA expression in transfected 293T cell line by XPA monoclonal antibody (M01), clone 2E4.

Lane 1: XPA transfected lysate (Predicted MW: 31.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged XPA is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to XPA on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — XPA

Entrez GeneID [7507](#)

GeneBank Accession# [NM_000380.2](#)

Protein Accession# [NP_000371.1](#)

Gene Name XPA

Gene Alias XP1, XPAC

Gene Description xeroderma pigmentosum, complementation group A

Omim ID [278700 611153](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is part of the NER (nucleotide excision repair) complex which is responsible for repair of UV radiati on-induced photoproducts and DNA adducts induced by chemical carcinogens. Mutations in this gene are associated with xeroderma pigmentosum complementation group A. Alternatively splice d transcript variants have been found for this gene. [provided by RefSeq]

Pathway

- [Nucleotide excision repair](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Infertility](#)

- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leiomyoma](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Micronuclei](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Obesity](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)

- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)