



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## DDB2 monoclonal antibody (M01), clone 1F11

Catalog # : H00001643-M01

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant DDB2.

**Immunogen:** DDB2 (AAH00093, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

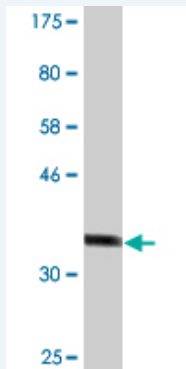
**Sequence:** MAPKKRPETQKTSEIVLRPRNKRSPLELEPEAKKLCAKGSGPSRRCD  
SDCLWVGLAGPQILPPCRSIVRTLHQHKLGRASWPSVQQGLQQSFLHT  
LDSYRILQKAAP

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

### Gene Information

Entrez GeneID: [1643](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**GeneBank  
Accession#:** [BC000093](#)

**Protein  
Accession#:** [AAH00093](#)

**Gene Name:** DDB2

**Gene Alias:** DDBB,FLJ34321,UV-DDB2

**Gene  
Description:** damage-specific DNA binding protein 2, 48kDa

**Omim ID:** [278740](#), [600811](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities. [provided by RefSeq]

**Other  
Designations:** DDB p48 subunit,UV-damaged DNA-binding protein 2,damage-specific DNA binding protein 2,damage-specific DNA binding protein 2 (48kD),xeroderma pigmentosum group E protein

### Gene Pathway

[Nucleotide excision repair](#) [p53 signaling pathway](#) [Ubiquitin mediated proteolysis](#)

### Related Disease

[Breast Neoplasms](#) [Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#)  
[Lung Neoplasms](#) [Multiple Sclerosis](#) [Neoplasm Recurrence, Local](#)  
[Neoplasms, Glandular and Epithelial](#) [Neoplasms, Second Primary](#) [Ovarian cancer](#)  
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