



SZABO SCANDIC

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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

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DDB1 monoclonal antibody (M01), clone 4C5

Catalog # : H00001642-M01

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant DDB1.

Immunogen: DDB1 (NP_001914, 1044 a.a. ~ 1140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

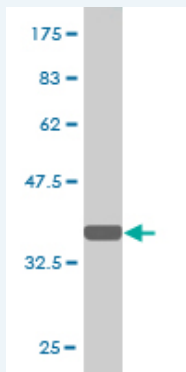
Sequence: SESWYNLLLDMQNRLNKVIKSVGKIEHSFWRSFHTERKTEPATGFIDGDL IESFLDISRPKMQEVVANLQYDDGSGMKREATADDLIKVVEELTRIH

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.41 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)

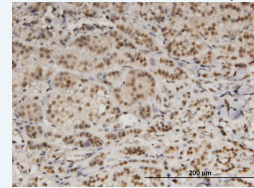
[Protocol Download](#)

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

Application Image

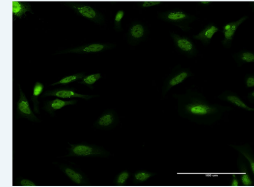
Western Blot (Recombinant protein)

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



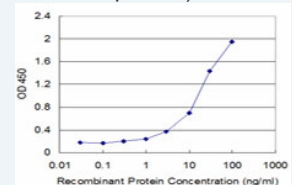
[enlarge](#)

Immunofluorescence



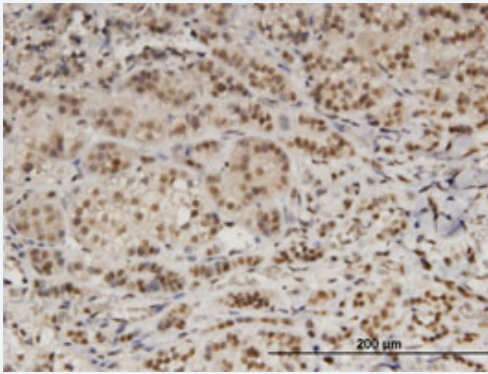
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

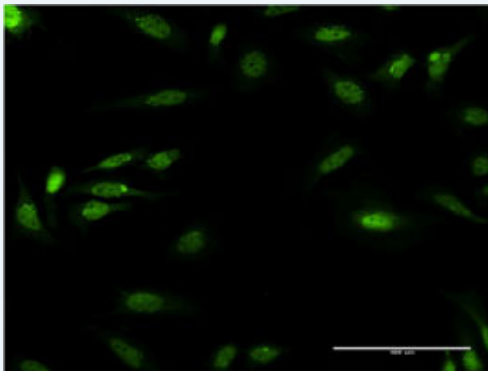


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to DDB1 on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

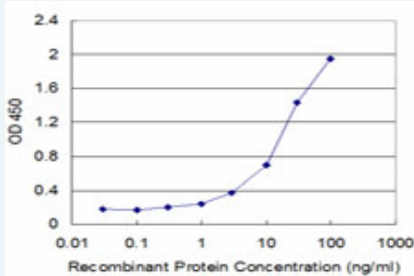


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to DDB1 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DDB1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1642](#)

GeneBank [NM_001923](#)

Accession#:

Protein [NP_001914](#)

Accession#:

Gene Name: DDB1

Gene Alias: DDBA,UV-DDB1,XAP1,XPCE,XPE,XPE-BF

Gene description: damage-specific DNA binding protein 1, 127kDa

Description:

Omim ID: [600045](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the large subunit of DNA damage-binding protein which is a heterodimer composed of a large and a small subunit. This protein functions in nucleotide-excision repair. Its defective activity causes the repair defect in the patients with xeroderma pigmentosum complementation group E (XPE). However, it remains for mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encoding the small subunit. In addition, Best vitelliform macular dystrophy is mapped to the same region as this gene on 11q, but no sequence alternations of this gene are demonstrated in Best disease patients. [provided by RefSeq]

Other Designations: DDB p127 subunit,damage-specific DNA binding protein 1,damage-specific DNA binding protein 1 (127kD)

Gene Pathway

Nucleotide excision repair [Ubiquitin mediated proteolysis](#)

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