

Rabbit anti-Human DDB2 Monoclonal Antibody | anti-DDB2 antibody

DDB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312700	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DDB2; Monoclonal Antibody; DDB2 Antibody; damage-specific DNA binding protein 2 antibody; Damage-specific DNA-binding protein 2 antibody; DDB p48 subunit antibody; Ddb2 antibody; DDB2_HUMAN antibody; DDBb antibody; DNA damage-binding protein 2 antibody; UV-damaged DNA-binding protein 2 antibody; UV-DDB 2 antibody; Xeroderma pigmentosum group E protei antibody; anti-DDB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JE16-41
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DDB2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein with C-terminal human DDB2.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



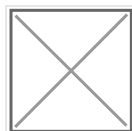
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of A549 cells with DDB2 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



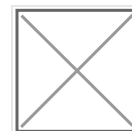
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-DDB2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-DDB2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-DDB2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of DDB2 on Daudi cell using anti-DDB2 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DDB2 antibody	Damaged DNA binding protein (DDB) is a heterodimer composed of two subunits, p127 and p48, which are designated DDB1 and DDB2, respectively. The DDB heterodimer is involved in repairing DNA damaged by ultraviolet light. Specifically, DDB, also designated UV-damaged DNA binding protein (UV-DDB), xeroderma pigmentosum group E binding factor (XPE-BF) and hepatitis B virus X-associated protein 1 (XAP-1), binds to damaged cyclobutane pyrimidine dimers (CPDs). Mutations in the DDB2 gene are implicated as causes of xeroderma pigmentosum group E, an autosomal recessive disease in which patients are defective in nucleotide excision DNA repair. XPE is characterized by hypersensitivity of the skin to sunlight with a high frequency of skin cancer as well as neurologic abnormalities. The hepatitis B virus (HBV) X protein interacts with DDB1, which may mediate HBx transactivation.
Product Categories/Family for anti-DDB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12230033
NCBI GeneID	1643
UniProt Accession #	Q92466; Q76E54; Q76E55; Q76E56; Q76E57; B2R875
Molecular Weight	427
NCBI Official Full Name	DNA damage-binding protein 2
NCBI Official Synonym Full Names	damage-specific DNA binding protein 2, 48kDa
NCBI Official Symbol	DDB2
NCBI Official Synonym Symbols	DDBB; UV-DDB2
NCBI Protein Information	DNA damage-binding protein 2; UV-DDB 2; DDB p48 subunit; UV-damaged DNA-binding protein 2; damage-specific DNA-binding protein 2; xeroderma pigmentosum group E protein
UniProt Protein Name	DNA damage-binding protein 2
UniProt Gene Name	DDB2
UniProt Synonym Gene Names	DDBb; UV-DDB 2
UniProt Entry Name	DDB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ddb2-antibody-clone-je16-41-flow-cytometry-immunohistochemistry-western-blot-elisa/312700>