

DDB2 recombinant antibody

DDB2 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279099	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

DDB2; Monoclonal Recombinant Antibody; DDB2 Recombinant Monoclonal Antibody; DNA damage-binding protein 2 (DDB p48 subunit)(DDBb)(Damage-specific DNA-binding protein 2)(UV-damaged DNA-binding protein 2)(UV-DDB 2); DDB2 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	24E5
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for DDB2 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human DDB2
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling; Cancer
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing A549 cells stained with AAA279099 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemisry)

IHC image of AAA279099 diluted at 1:50 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.46% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279099 diluted at 1:50 and staining in paraffin-embedded human salivary gland tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.46% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: PC-3 whole cell lysate All lanes: DDB2 antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ddb2-recombinant-antibody-clone-24e5-flow-cytometry-immunohistochemistry-western-blot-elisa/279099>