

Mouse anti-Human CDKN1B Monoclonal Antibody | anti-CDKN1B antibody

CDKN1B (Cyclin-dependent Kinase Inhibitor 1B, Cyclin-dependent Kinase Inhibitor p27, p27Kip1, KIP1) (MaxLight 650)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26695	Mouse	Human	Immunofluorescence, Immunohistochemistry, Western Blot

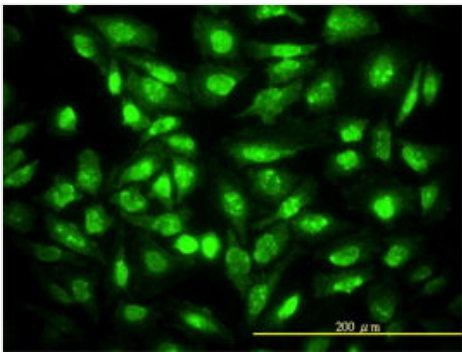
PRODUCT SYNONYMS

CDKN1B; Monoclonal Antibody; CDKN1B (Cyclin-dependent Kinase Inhibitor 1B; Cyclin-dependent Kinase Inhibitor p27; p27Kip1; KIP1) (MaxLight 650); anti-CDKN1B antibody

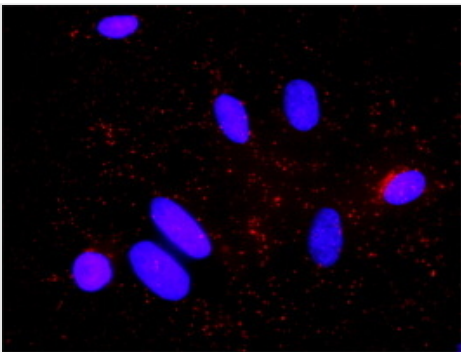
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4B4-E6
Specificity	Recognizes human CDKN1B.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Applicable Applications for anti-CDKN1B antibody	FLISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant protein corresponding to aa1-198 from human CDKN1B (BC001971, AAH01971) with GST tag. MW of the GST tag alone is 26
Immunogen Sequence	MSNVRVSNNGSPSLERMDARQAEHPKPSACRNLFPGVDHEELTRDLEKHCRDMEEASQRKWNFDFQNHKPLEGKYEWQEVEKGSLEPFYRPPRPK
Conjugate	MaxLight650
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo recovery of product, centrifuge the original vial prior to removing the cap.

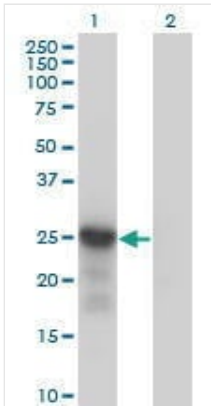
IMAGES



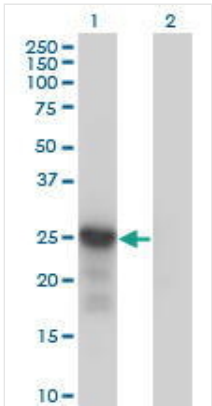
IF (Immunofluorescence)
Immunofluorescence to CDKN1B on HeLa cell using 124808 (10ug/ml).



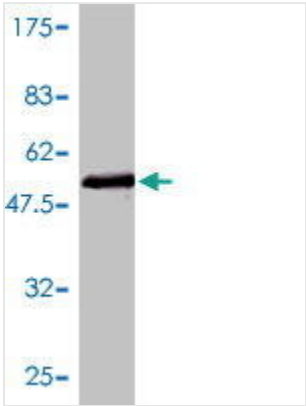
Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between AKT1 and CDKN1B
HeLa cells were stained with AKT1 rabbit purified polyclonal (1:1200) and 124808 (1:50).
Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



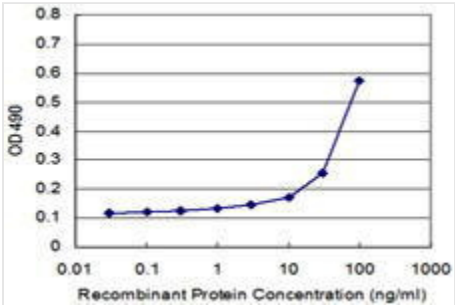
IHC (Immunohistochemistry)
Immunoperoxidase to CDKN1B on formalin-fixed paraffin-embedded human ovary, clear cell carcinoma tissue using 124808 (5ug/ml).



WB (Western Blot)
Western Blot analysis of CDKN1B expression in transfected 293T cell line by 124808 Lane 1: CDKN1B transfected lysate (22.1kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
Western Blot detection against Immunogen (47.89kD).



Application Data
Detection limit for 124808 is 10ng/ml as a capture antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDKN1B antibody	Antibodies; Protein Kinases
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12805034
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NCBI GeneID	1027
Molecular Weight	22,073 Da
NCBI Official Full Name	Homo sapiens cyclin-dependent kinase inhibitor 1B (p27, Kip1), mRNA
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 1B
NCBI Official Symbol	CDKN1B
NCBI Official Synonym Symbols	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1B

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://www.aaabiotech.com/monoclonal/cdkn1b-antibody-clone-4b4-e6-immunofluorescence-immunohistochemistry-western-blot-elisa/26695>