

Mouse p21/WAF1 Monoclonal Antibody | anti-p21/WAF1 antibody

MOUSE ANTI HUMAN p21/WAF1

CATALOG # AAA49361	HOST Mouse	APPLICATIONS Western Blot, Immunoprecipitation
------------------------------	----------------------	--

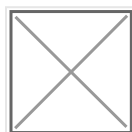
PRODUCT SYNONYMS

p21/WAF1; Monoclonal Antibody; MOUSE ANTI HUMAN p21/WAF1; anti-p21/WAF1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	WA-1
Specificity	This item recognises the human cyclin-dependent kinase inhibitor p21/WAF1, which is an important cell cycle regulatory protein, also known as CIP1. The p21 protein inhibits cell cycle progression at both the G1 and G2 checkpoints. The expression of p21 is inducible by a wide range of stress stimuli. This item detects a band of approximately 21kD in MCF-7 cell lysates following UV radiation.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	164
Applicable Applications for anti-p21/WAF1 antibody	WB (Western Blot), IP (Immunoprecipitation)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Human p21 protein Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

p21/WAF1 transfected cell lysate probed with Mouse anti Human p21/WAF1

ADDITIONAL INFORMATION

Related Product Information for anti-p21/WAF1 antibody	MBS212705 recognises the human cyclin-dependent kinase inhibitor p21/WAF1, which is an important cell cycle regulatory protein, also known as CIP1. The p21 protein inhibits cell cycle progression at both the G1 and G2 checkpoints. The expression of p21 is inducible by a wide range of stress stimuli. MBS212705 detects a band of approximately 21kD in MCF-7 cell lysates following UV radiation.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386203
NCBI GeneID	1026
NCBI Accession #	NP_000380.1
NCBI GenBank Nucleotide #	NM_000389.4
UniProt Accession #	P38936; Q14010; Q6FI05; Q9BUT4
Molecular Weight	18,119 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
NCBI Official Symbol	CDKN1A
NCBI Official Synonym Symbols	P21; CIP1; SDI1; WAF1; CAP20; CDKN1; MDA-6; p21CIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1; CDK-interacting protein 1; CDK-interaction protein 1; DNA synthesis inhibitor; melanoma differentiation associated protein 6; wild-type p53-activated fragment 1
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1
UniProt Gene Name	CDKN1A
UniProt Synonym Gene Names	CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1; MDA-6
UniProt Entry Name	CDN1A_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/p21-waf1-antibody-clone-wa-1-western-blot-immunoprecipitation-elisa/49361>