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Datasheet for ABIN731993

anti-PDCD4 antibody (AA 1-100)

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Publications



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Quantity:	100 μL
Target:	PDCD4
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDCD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDCD4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PDCD4
Alternative Name:	PDCD4 (PDCD4 Products)

Target Details

Background:	Synonyms: H731, Programmed cell death protein 4, Neoplastic transformation inhibitor protein,
	Nuclear antigen H731-like, Protein 197/15a, PDCD4
	Background: Inhibits translation initiation and cap-dependent translation. May excert its
	function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of
	EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1,
	thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent
	JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor
	promoter-induced neoplastic transformation. Binds RNA (By similarity).
Gene ID:	27250
UniProt:	Q53EL6

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

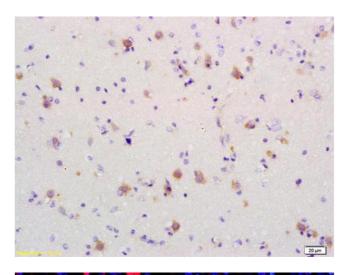
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Product cited in:

Choi, Kim, Suh, Byun, Jung, Sohn: "The relevance of miRNA-21 in HSV-induced inflammation in a mouse model." in: **International journal of molecular sciences**, Vol. 16, Issue 4, pp. 7413-27, (2015) (PubMed).

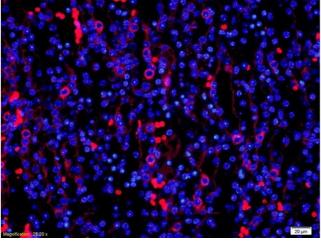
Yuan, Han, Cong, Ge, Ma, Dai, Li, Bi: "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." in: **International journal of nanomedicine**, Vol. 9, pp. 4829-46, (2014) (PubMed).

Images



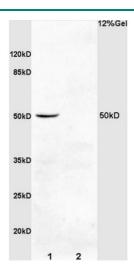
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human brain glioblastoma labeled Anti-PDCD4 Polyclonal Antibody, Unconjugated (ABIN731993) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 2. Formalin-fixed and paraffin-embedded mouse kidney labeled with Anti-PDCD4 Polyclonal Antibody, Unconjugated (ABIN731993) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.



SDS-PAGE

Image 3. L1 rat kidney lysates L2 mouse colon carcinoma lysates probed with Anti IL-2R gamma/CD132 Polyclonal Antibody, Unconjugated (ABIN731993) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 50kD. Observed band size:50kD.