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## anti-PDCD5 antibody (C-Term)

**Images** 



#### Overview

Overview	
Quantity:	0.1 mg
Target:	PDCD5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDCD5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	PDCD5 antibody was raised against a 21 amino acid peptide from near the carboxy terminus of human PDCD5.
Isotype:	IgG
Specificity:	This antibody detects PDCD5 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	
Target:	PDCD5

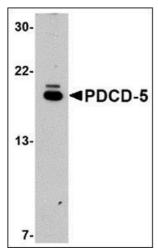
## Target Details

Background:	Programmed cell death 5 (PDCD5), a human apoptosis-related protein, is thought to play an
	early and universal role in apoptosis. PDCD5 is widely expressed and is upregulated in cells
	undergoing apoptosis, where it translocates rapidly from the cytoplasm to the nucleus. PDCD5
	has a compact core structure of low flexibility with two mobile alpha-helices at N-terminal and a
	flexible unstructured C-terminal region. The charged residues are crucial for the ability of
	apoptosis-promoting and cell translocation of the protein. PDCD5 can facilitate apoptosis and
	enhance TAJ/TROY-induced paraptosis-like cell death. PDCD5 may play a dual role in the Tip60
	pathway. It interacts with Tip60 and functions as a Tip60 co-activator to promote apoptosis.
	The nucleotide polymorphisms in the 5?-upstream region of PDCD5 affect promoter activity
	and the susceptibility of a Chinese population to develop chronic myelogenous leukemia and
	may represent a novel tumor suppressor gene influencing lung cancer. Synonyms: Programmed
	cell death protein 5, TF-1 cell apoptosis-related protein 19, TFAR19
Gene ID:	9141
NCBI Accession:	NP_004699
UniProt:	014737
Application Details	
Application Notes:	ELISA. Western blot: 1 μg/mL. Immunoflourescence.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



## Immunofluorescence

**Image 1.** Immunocytochemistry of PDCD5 in Jurkat cells with this product at  $2 \mu g/ml$ .



## **Western Blotting**

**Image 2.** Western blot analysis of PDCD5 in EL4 cell lysate with this product at  $1\mu g/ml$ .