

**PDCD7 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant PDCD7.****Catalog # AT3248a****Specification****PDCD7 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q8N8D1</a>
Other Accession	<a href="#">BC016992</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	54700

**PDCD7 Antibody (monoclonal) (M01) - Additional Information****Gene ID 10081****Other Names**

Programmed cell death protein 7, ES18, hES18, PDCD7

**Target/Specificity**

PDCD7 (AAH16992, 47 a.a. ~ 146 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

PDCD7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

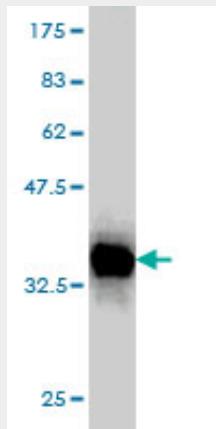
**PDCD7 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

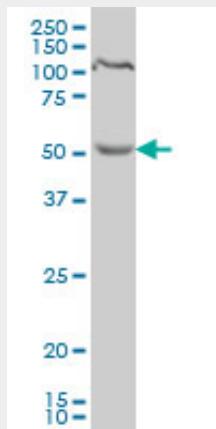
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

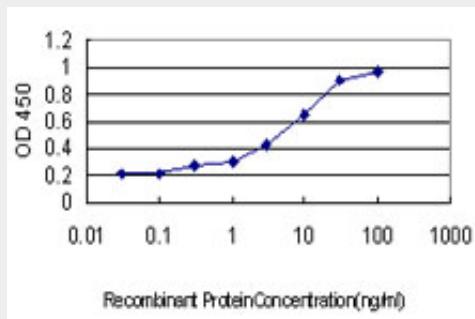
### PDCD7 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



PDCD7 monoclonal antibody (M01), clone 3H5 Western Blot analysis of PDCD7 expression in HeLa ( Cat # AT3248a )



Detection limit for recombinant GST tagged PDCD7 is approximately 0.03ng/ml as a capture antibody.

### PDCD7 Antibody (monoclonal) (M01) - Background

This gene encodes a protein with sequence similarity to a mouse protein originally identified in embryonic stem cells. In mouse T-cell lines, this protein appears to be related to glucocorticoid- and staurine-induced apoptotic pathways, and to be linked to ceramide-mediated signalling. These observations suggest that this gene product is involved in specific apoptotic processes in T-cells.

#### **PDCD7 Antibody (monoclonal) (M01) - References**

FEZ1 dimerization and interaction with transcription regulatory proteins involves its coiled-coil region. Assmann EM, et al. *J Biol Chem*, 2006 Apr 14. PMID 16484223. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. *Cell*, 2005 Sep 23. PMID 16169070. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Functional proteomics mapping of a human signaling pathway. Colland F, et al. *Genome Res*, 2004 Jul. PMID 15231748. The human 18S U11/U12 snRNP contains a set of novel proteins not found in the U2-dependent spliceosome. Will CL, et al. *RNA*, 2004 Jun. PMID 15146077.