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PDCD7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PDCD7.
Catalog # AT3248a

Product Information

Application	WB, E
Primary Accession	Q8N8D1
Other Accession	BC016992
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3H5
Calculated MW	54700

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.

Background

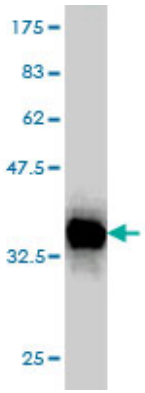
This gene encodes a protein with sequence similarity to a mouse protein originally identified in embryonic stem cells. In mouse T-cell lines, this protein appears to be related to glucocorticoid- and staurine-induced apoptotic pathways, and to be linked to ceramide-mediated signalling. These observations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

References

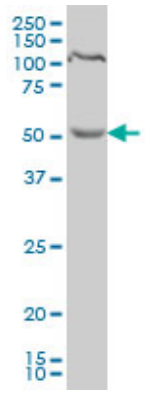
FEZ1 dimerization and interaction with transcription regulatory proteins involves its coiled-coil region. Assmann EM, et al. J Biol Chem, 2006 Apr 14. PMID 16484223.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The 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.

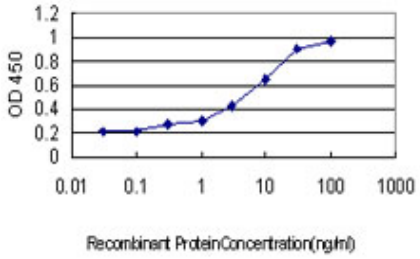
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.