



PDCD1 blocking peptide (CDBP5892)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases. [provided by RefSeq, Jul 2008]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	PDCD1 programmed cell death 1 [Homo sapiens (human)]
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Official Symbol	PDCD1
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Synonyms	PDCD1; programmed cell death 1; PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; programmed cell death protein 1; protein PD-1; systemic lupus erythematosus susceptibility 2
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Entrez Gene ID	5133
mRNA Refseq	NM_005018
Protein Refseq	NP_005009
UniProt ID	Q15116
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Immune System; PD-1 signaling; T cell receptor signaling pathway
Function	protein binding; signal transducer activity