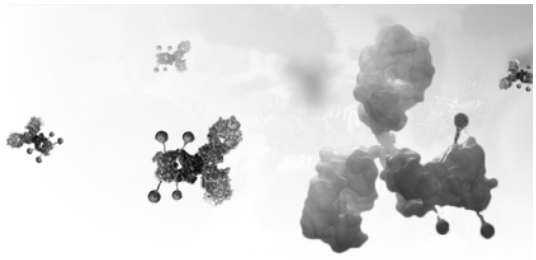

PDCD1 blocking peptide (CDBP5891)

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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PDCD1 programmed cell death 1 [Homo sapiens (human)]
Official Symbol	PDCD1
Synonyms	PDCD1; programmed cell death 1; PD1; PD-1; CD279; SLEB2; hPD-1; hPD-l; hSLE1; programmed cell death protein 1; protein PD-1; systemic lupus erythematosus susceptibility 2

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221