

Mouse Monoclonal Antibody to PD1

Catalogue Number	sAP-1751
Target Molecule	<p>Name: PD1</p> <p>Aliases: PDCD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1</p> <p>MW: 31.6KD</p> <p>Entrez Gene ID: 5133</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human PD1 (AA: extra 21-170) expressed in HEK293 cells.
Recitative Species	Human;
Clone	MM3E12A10
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.PLoS One. 2016 Jul 26;11(7):e0159383.2.Tumour Biol. 2016 Jun;37(6):7507-14.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**