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## Product Information

<b>Product SKU:</b>	CAB11973	<b>Gene ID:</b>	5133	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	50kDa/35kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	32kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; PD-1/CD279
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 205-259 of human PD-1/CD279 (NP_005009.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.