

## PDCD1 RABBIT PAB

**Cat.#:** S213932

**Product Name:** Anti-PDCD1 Rabbit Polyclonal Antibody

**Synonyms:** PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1

**UNIPROT ID:** Q15116 (Gene Accession - NP\_005009 )

**Background:** 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.

**Immunogen:** Synthetic peptide of human PDCD1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-100; ELISA: 2000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

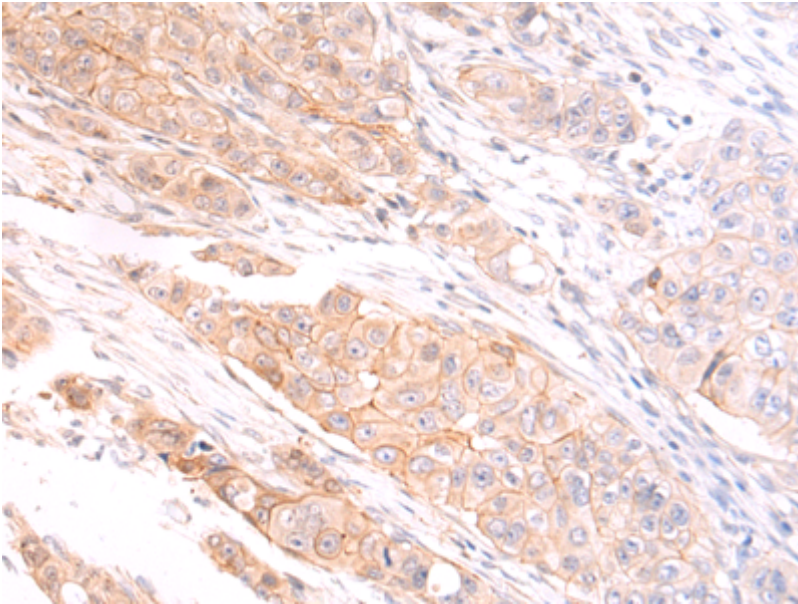
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology, Immunology, Cancer

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using 213932(PDCD1 Antibody) at a dilution of 1/50(Cell membrane).