

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PD-1/CD279



Numéro de catalogue: 29780-1-AP

Informations de base

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| Numéro de catalogue: 29780-1-AP | Numéro d'acquisition GenBank: BC074740 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 150ul , Concentration: 450 µg/ml by Nanodrop; | Identification du gène (NCBI): 5133 | Dilutions recommandées: WB 1:500-1:3000 |
| Hôte: Lapin | Nom complet: programmed cell death 1 | |
| Isotype: IgG | MW calculé: 288 aa, 32 kDa | |
| Immunogen Catalog Number: AG31288 | MW observés: 55 kDa | |

Applications

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| Applications testées: WB, ELISA | Contrôles positifs: WB : tissu de thymus de souris, tissu de thymus de rat |
| Spécificité de l'espèce: Humain, rat, souris | |

Informations générales

Programmed cell death 1 (PD-1, also known as CD279) is an immunoinhibitory receptor that belongs to the CD28/CTLA-4 subfamily of the Ig superfamily. It is a 288 amino acid (aa) type I transmembrane protein composed of one Ig superfamily domain, a stalk, a transmembrane domain, and an intracellular domain containing an immunoreceptor tyrosine-based inhibitory motif (ITIM) as well as an immunoreceptor tyrosine-based switch motif (ITSM) (PMID: 18173375). PD-1 is expressed during thymic development and is induced in a variety of hematopoietic cells in the periphery by antigen receptor signaling and cytokines (PMID: 20636820). Engagement of PD-1 by its ligands PD-L1 or PD-L2 transduces a signal that inhibits T-cell proliferation, cytokine production, and cytolytic function (PMID: 19426218). It is critical for the regulation of T cell function during immunity and tolerance. Blockade of PD-1 can overcome immune resistance and also has been shown to have antitumor activity (PMID: 22658127; 23169436). It has been reported that PD-1 is heavily glycosylated and migrates with an apparent molecular mass of 47-55 kDa on SDS-PAGE, which is larger than its predicted mass of 32 kDa (PMID: 8671665; 17640856; 17003438).

Stockage

Stockage:
Stocker à -20 °C
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

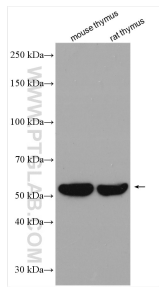
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 29780-1-AP (PD-1/CD279 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.