

Mouse anti-Human PD1, clone NAT105 (Monoclonal)

Clone no. NAT105

MONOSAN

Product name	Mouse anti-Human PD1, clone NAT105 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	NAT105
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-Human PD1, clone NAT105 (Monoclonal)

Clone no. NAT105

MONOSAN

Additional info

Programmed death-1 (PD1) is a member of the CD28 family of receptors that includes CD28, cytotoxic T-lymphocyte-associated antigen 4 (CTLA-4), inducible costimulator (ICOS), and B- and T-lymphocyte attenuator. These receptors play a role in the cellular immune response. For example, CD28 serves as a costimulatory receptor that enhances T-cell activation, whereas CTLA-4 serves as an inhibitor of T-cell activation. PD1 also has an inhibitory function on T cells and B cells, and is important in peripheral tolerance. There are at least 2 ligands for PD1, PD-L1, and PD-L2, which are expressed on a range of cells.

References

1. Bolstad AI, et al. Arthritis Rheum. 2003 Jan;48(1):174-85
2. Dorfman DM, et al. Am J Surg Pathol. 2006 Jul;30(7):802-10
3. Hamanishi J, et al. Proc Natl Acad Sci U S A. 2007 Feb 27;104(9):3360-5
4. Konishi J, et al. Clin Cancer Res. 2004 Aug 1;10(15):5094-100
5. Mataka N, et al. Am J Gastroenterol. 2007 Feb;102(2):302-12

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES