

Rabbit anti-CD279 / PD-1 antibody, clone SQab1732 (monoclonal)

Clone no. SQab1732

MONOSAN

Product name	Rabbit anti-CD279 / PD-1 antibody, clone SQab1732 (monoclonal)
Host	Rabbit
Applications	FC, ICC/IF, IHC-P, IP
Species reactivity	Human
Conjugate	-
Immunogen	Recombinant full length protein of Human PD-1. The immunogen contains the specific extracellular domain of Human PD-1 (Leu25 - Gln167).
Isotype	-
Clonality	Monoclonal
Clone number	SQab1732
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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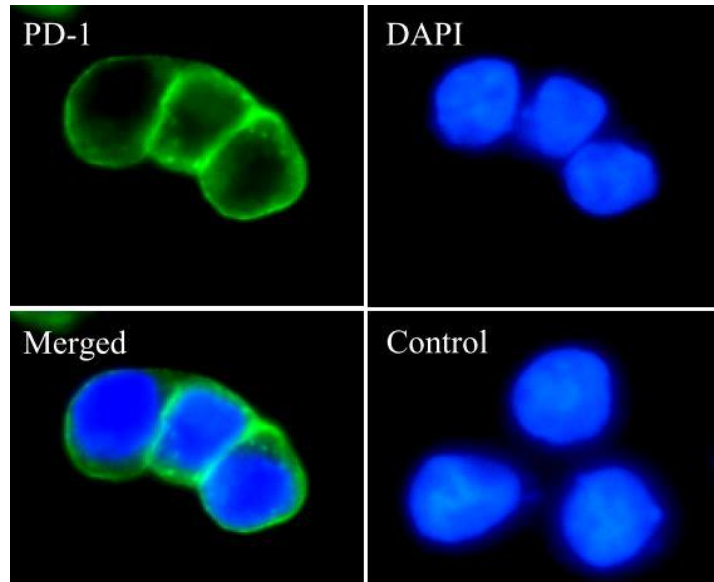
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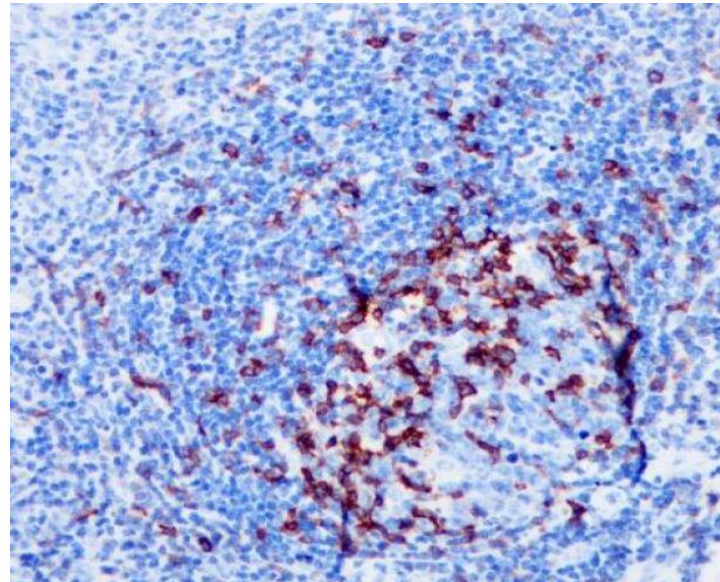
Additional info

Application note: IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: CD279 / PD-1 is 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. [provided by RefSeq, Jul 2008]

Images



Immunofluorescence: 293 cells transfected with PD-1 gene, fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with anti-CD279 / PD-1



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung tonsil tissue stained with anti-CD279 / PD-1 antibody [SQab1732] at 1:200. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).

References

1. -
2. -
3. -
4. -
5. -

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