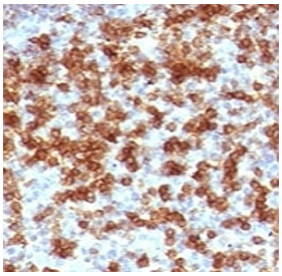
Anti-PD-1 Antibody [clone PD203-1] (V7002)

Catalog No.	Formulation	Size
V7002-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7002-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7002SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7002IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PD203-1
Purity	Protein G affinity chromatography
UniProt	Q15116
Localization	Cell surface & cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This anti-PD-1 antibody is available for research use only.



IHC testing of FFPE human tonsil stained with anti-PD-1 antibody (clone PD203-1). FFPE testing requires tissue to be boiled in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 min.

Description

Programmed cell death protein 1 is an inhibitory cell surface receptor involved in the regulation of T-cell function during immunity and tolerance. Upon ligand binding, inhibits T-cell effector functions in an antigen-specific manner. Possible cell death inducer, in association with other factors. [UniProt]

Application Notes

Titering of the anti-PD-1 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant full-length human protein was used as the immunogen for the anti-PD-1 antibody.

Storage

Store the anti-PD-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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