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## Product Datasheet

### **PD1 / PDCD1 / CD279(PDCD1/922), 1mg/mL, Clone: [PDCD1/922], Mouse, Monoclonal BOT-BNUM0922-50**

Article Name	PD1 / PDCD1 / CD279(PDCD1/922), 1mg/mL, Clone: [PDCD1/922], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0922-50
Supplier Catalog Number	BNUM0922-50
Alternative Catalog Number	BOT-BNUM0922-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Human
Immunogen	Recombinant full-length human PDCD1 protein
Product Description	PD-1 (also known as Programmed Death 1, CD279, and PDCD1) is a negative regulatory T cell surface receptor. PD-1 is a Type I transmembrane protein expressed on the plasma membrane of T-cells. It is a T-cell checkpoint protein, involved in preventing ...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[PDCD1/922]
Molecular Weight	55 kDa

UniProt	<a href="#">Q15116</a>
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user