

## Product datasheet for **AM31881BT-N**

### **Pdcd1 Hamster Monoclonal Antibody [Clone ID: J43]**

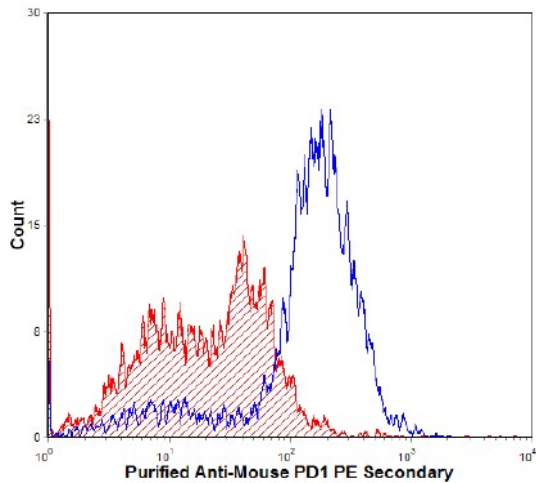
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	J43
<b>Applications:</b>	FC
<b>Recommended Dilution:</b>	Flow Cytometry. <u>Tissue Distribution by Flow Cytometry Analysis:</u> Mouse Strain: Balb/c Antibody Concentration Used: 2.0 µg/10e6 cells Isotypic Control (shaded): Purified Hamster IgG
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Hamster
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	PD-1 cDNA transfectant <u>Donor:</u> mouse ascites fluid <u>Fusion Partner:</u> Mouse myeloma P3U1
<b>Specificity:</b>	PD1 monoclonal antibody reacts with mouse PD-1 (programmed death-1), a 55 kDa member of the Ig superfamily that has been demonstrated to play a key role in the regulation of immune response and peripheral tolerance. PD1 is expressed on activated T and B lymphocytes.
<b>Formulation:</b>	PBS containing 0.02% sodium azide (NaN <sub>3</sub> ) as preservative Label: Biotin State: Liquid purified Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein G
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.



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Gene Name: programmed cell death 1  
Database Link: [Entrez Gene 18566 Mouse Q02242](#)  
Synonyms: Protein PD-1, hPD-1, PDCD1

**Product images:**

Cell Source: Con A/IL2 activated T-Blasts from Balb/c spleen  
Percentage of cells stained above control: 36.6%