BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PDCD4 Rabbit Monoclonal Antibody

Catalog Number: M01105

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Overview

Product Name	Anti-PDCD4 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PDCD4 Rabbit Monoclonal Antibody catalog # M01105. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ACAE-16
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q53EL6

Technical Details

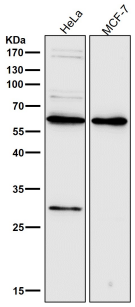
Immunogen	A synthesized peptide derived from human PDCD4
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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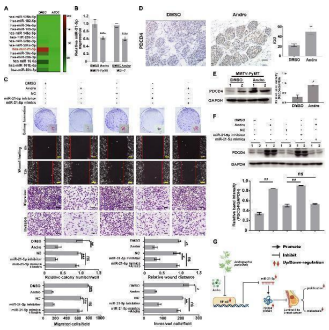
	IHC 1:50-200 ICC/IF 1:50-200 FC 1:20

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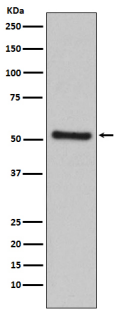
Anti-PDCD4 Rabbit Monoclonal Antibody (M01105) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Andrographolide (Andro) inhibits breast cancer cell proliferation, migration, and invasion via NF-kappaB/miR-21-5p/PDCD4 signaling. (A) Heat map of the qRT-PCR data of miRNA expression in MCF-7 cells with or without NF-kappaB inhibition. APDC: NF-kappaB inhibitor. (B) miR-21-5p expression in breast cancer tissue and MCF cells was also detected using qRT-PCR. miR-21-5p was markedly suppressed by Andro in MCF-7 cells and MMTV-PyMT mice. (C) Colony formation, wound healing, Transwell migration, and Matrigel invasion assay. Immunohistochemistry (D) and Immunoblotting assay (E) for PDCD4 expression in DMSO- and Andro-treated MMTV-PyMT mice. (F) Immunoblotting analysis for PDCD4 expression in MCF-7 cells. (G) Schematic of the mechanisms of Andro-mediated effect on luminal-like breast cancer growth and metastasis. Quantitative data are expressed as the mean ± SD, n = 3. Significant effect: * P < 0.05, ** P < 0.01, *** P < 0.005. ns , no significant effect. Scale bar , 100 uM.Index in PubMed under a CC BY license. PMID: 34249905



Western blot analysis of PDCD4 expression in HeLa cell lysate.

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For Research Use Only. Not for use in diagnostic procedures.