

Mouse anti-Human PDCD4 Monoclonal Antibody | anti-PDCD4 antibody

Human PDCD4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48411	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PDCD4; Monoclonal Antibody; Human PDCD4 antibody; Programmed cell death 4 isoform 1; neoplastic transformation inhibitor; H731; MGC33046; MGC33047; PDPC4; programmed cell death 4 (neoplastic transformation inhibitor); nuclear antigen H731; anti-PDCD4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	4C2
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol
Concentration	1mg/ml (determined by BCA assay) (varies by lot)
Applicable Applications for anti-PDCD4 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human PDCD4 (1-469aa) purified from E Coli
Conjugation	Unconjugated
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PDCD4 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: K562 cell lysate Lane 2.: HeLa cell lysate Lane 3.: 293T cell lysate



IF (Immunofluorescence)

ICC/IF analysis of PDCD4 in HeLa cells. The cell was stained with AAA48411 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD4 antibody	Programmed cell death 4 (PDCD4) encodes a tumor suppressor protein whose expression is lost in progressed carcinomas of lung, breast, colon, and prostate. The expression of PDCD4 gene is strongly induced during apoptosis in a number of cell types. It is modulated by cytokines in natural killer and T cells.
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Product Categories/Family for anti-PDCD4 antibody	Cancer; Epigenetics and Nuclear Signaling
References	Palamarchuk A, et al., (2006) Cancer Res 65(24):11282-11286.;; Yoshina, et al., (1999) Pathol Int 49(12):1067-1077.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735596
NCBI GeneID	27250
NCBI Accession #	NP_055271
NCBI GenBank Nucleotide #	NM_014456.4
UniProt Accession #	Q53EL6; O15501; Q5VZS6; Q6PJI5; Q8TAR5; Q99834; B2RCV4; B5ME91
Molecular Weight	50,576 Da
NCBI Official Full Name	programmed cell death protein 4 isoform 1
NCBI Official Synonym Full Names	programmed cell death 4
NCBI Official Symbol	PDCD4
NCBI Official Synonym Symbols	H731
NCBI Protein Information	programmed cell death protein 4
UniProt Protein Name	Programmed cell death protein 4
UniProt Gene Name	PDCD4
UniProt Synonym Gene Names	H731
UniProt Entry Name	PDCD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.