

PDCD4 Rabbit mAb

Catalog No: #49577

Package Size: #49577-1 50ul #49577-2 100ul

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Support: tech@signalwayantibody.com

Description

Product Name	PDCD4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA80-83
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	Death up-regulated gene protein antibody Dug antibody H731 antibody Ma3 antibody MGC33046 antibody MGC33047 antibody Neoplastic transformation inhibitor antibody Neoplastic transformation inhibitor protein antibody Nuclear antigen H731 antibody Nuclear antigen H731 like antibody Nuclear antigen H731 like protein antibody Nuclear antigen H731-like antibody PDCD 4 antibody Pdcd4 antibody PDCD4_HUMAN antibody Programmed cell death 4 antibody programmed cell death 4 (neoplastic transformation inhibitor) antibody Programmed cell death protein 4 antibody Protein 197/15a antibody Protein MA-3 antibody Tis antibody Topoisomerase-inhibitor suppressed protein antibody
Accession No.	Swiss-Prot#:Q53EL6
Uniprot	Q53EL6
GeneID	27250;
Calculated MW	52 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500 IHC: 1:50-1:200 ICC: 1:20-1:50 FC: 1:50-1:100

Background

The transformation suppressor gene Pdcd-4 (programmed cell death gene 4) inhibits the tumor-promoter mediated transformation of mouse keratinocytes and is a potential tumor suppressor gene in the development of human lung cancer. Biochemical analysis suggests that the Pdcd-4 protein is involved in protein translation as well as in nuclear events. Pdcd-4 directly interacts with the RNA helicase eIF4A and inhibits protein synthesis by interfering with the assembly of the cap-dependent translation initiation complex. Pdcd-4 also suppresses the transactivation of AP-1 responsive promoters by c-Jun, suggesting that the transformation-suppressor activity of Pdcd-4 might be due, at least in part, to the inhibition of c-Jun activity. In addition to affecting c-Jun phosphorylation, Pdcd-4 blocks the recruitment of the co-activator p300 by c-Jun.

References

Note: This product is for in vitro research use only