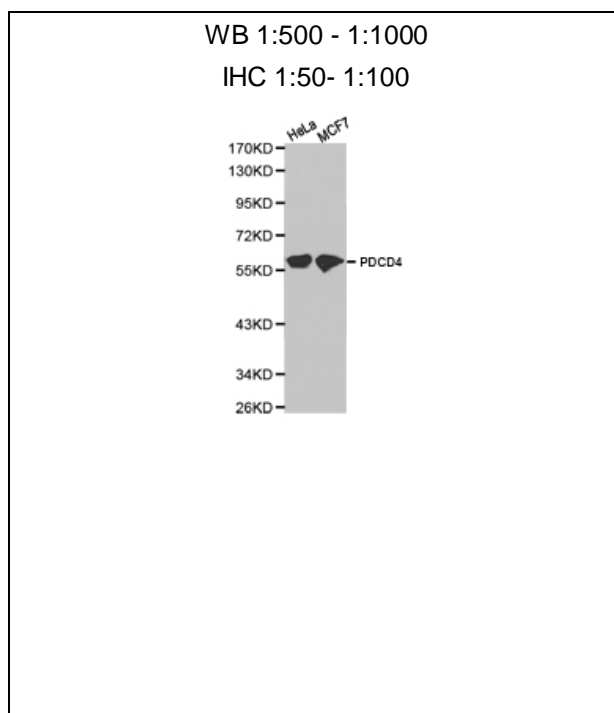




PDCD4 Polyclonal Antibody

E92420

- Catalog Number:** E92420
Amount: 100ul
Background: PDCD4 (programmed cell death protein 4) was identified as a suppressor of neoplastic transformation (1). It interacts with eukaryotic initiation factors eIF4A1 and eIF4AII (2). PDCD4 colocalizes with eIF4A in the cytoplasm and inhibits the activity of eIF4A as an ATP-dependent RNA helicase (2). PDCD4 inhibits cap-dependent translation (2). Upon stimulation by mitogens, PDCD4 is phosphorylated on Ser67 by S6K1 kinase and then degraded through the ubiquitin pathway leading to enhanced translation and cell growth (3).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: H731; MGC33046; MGC33047;
Immunogen: Fusion protein of human PDCD4
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 52kDa
Swiss-Prot No. : Q53EL6
Gene ID: 27250
References: 1. Cmarik, J.L. et al. (1999) Proc Natl Acad Sci USA 96, 14037-42. 2. Yang, H.S. et al. (2003) Mol Cell Biol 23, 26-37. 3. Dorrello, N.V. et al. (2006) Science 314, 467-71



For Research Use Only

Western blot analysis of extracts of various cell lines,
using PDCD4 antibody.

