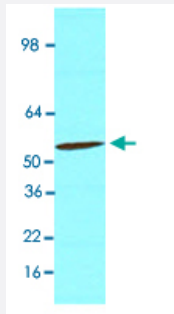


PDCD4 monoclonal antibody, clone k4C1

Catalog # MAB1123 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysates.

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant PDCD4.

Immunogen Recombinant protein corresponding to full length human PDCD4.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein G purification

Isotype IgG1, kappa

Recommend Usage
ELISA
Western Blot
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).

Storage Instruction
Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysates.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PDCD4

Entrez GeneID	27250
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GeneBank Accession#	NM_014456
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Protein Accession#	NP_055271
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Gene Name	PDCD4
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Gene Alias	H731, MGC33046, MGC33047
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Gene Description	programmed cell death 4 (neoplastic transformation inhibitor)
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Omim ID	608610
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a protein localized to the nucleus in proliferating cells. Expression of this gene is modulated by cytokines in natural killer and T cells. The gene product is thought to play a role in apoptosis but the specific role has not yet been determined. Two transcripts encoding different isoforms have been identified. [provided by RefSeq]
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Other Designations	OTTHUMP00000020483 nuclear antigen H731 programmed cell death 4
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Publication Reference

- [Akt phosphorylates and regulates Pdc4 tumor suppressor protein.](#)

Palamarchuk A, Efanov A, Maximov V, Aqeilan RI, Croce CM, Pekarsky Y.

Cancer Research 2005 Dec; 65(24):11282.

- [Novel human PDCD4 \(H731\) gene expressed in proliferative cells is expressed in the small duct epithelial cells of the breast as revealed by an anti-H731 antibody.](#)

Yoshinaga H, Matsuhashi S, Fujiyama C, Masaki Z.

Pathology International 1999 Dec; 49(12):1067.

Application: IF, IHC-P, WB-Ce, Human, Bladder cancer, Breast cancer, HeLa, HT1376, MRC5, PC-3, U373, WiDr cells

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)