antibodies - online.com







anti-PDCD6 antibody

Images



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|------------------------------------|--|
| | |
| Overview | |

| Quantity: | 100 μL |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Target: | PDCD6 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDCD6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

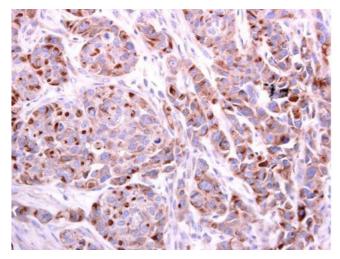
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human PDCD6. The exact sequence is proprietary. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Rabbit Polyclonal antibody to PDCD6 (programmed cell death 6) PDCD6 antibody |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

| Target: | PDCD6 |
|-------------------|------------------------------------------|
| Alternative Name: | programmed cell death 6 (PDCD6 Products) |

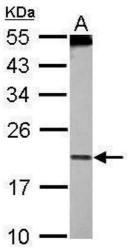
Target Details

| Background: | This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Calcium binding is important for homodimerization and for conformational changes required |
| | for binding to other protein partners. This gene product participates in T cell receptor-, Fas-, and |
| | glucocorticoid-induced programmed cell death. In mice deficient for this gene product, |
| | however, apoptosis was not blocked suggesting this gene product is functionally redundant. |
| | Cellular Localization: Nucleus membrane, Peripheral membrane protein , Endoplasmic |
| | reticulum membrane, Peripheral membrane protein , Nucleus |
| Molecular Weight: | 22 kDa |
| Gene ID: | 10016 |
| UniProt: | 075340 |
| Pathways: | Positive Regulation of Endopeptidase Activity |
| Application Details | |
| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations |
| | should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: HeLa nucleus |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 0.62 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid |
| | multiple freeze-thaw cycles. |



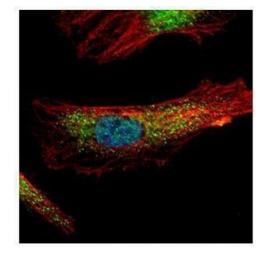
Immunohistochemistry

Image 1. IHC-P Image PDCD6 antibody detects PDCD6 protein at cytoplasm on human colon carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human colon carcinoma. PDCD6 antibody, diluted at 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa nucleus 12% SDS PAGE antibody diluted at 1:500



Immunofluorescence

Image 3. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using PDCD6, antibody (Green) at 1:500 dilution. Alphatubulin filaments were labeled with (Red) at 1:2000.