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## PDCD4 Rabbit pAb

Catalog Number: bs-55166R

Target Protein: PDCD4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:400-800), IHC-F (1:400-800), IF (1:100-500)

Reactivity: Human (predicted:Mouse)

Predicted MW: 51 kDa

Entrez Gene: 27250

Swiss Prot: Q53EL6

Source: Recombinant human PDCD4: 1-260/469.

Purification: affinity purified by Protein A

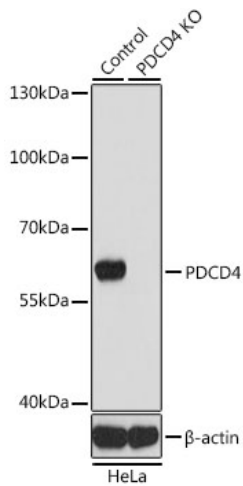
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

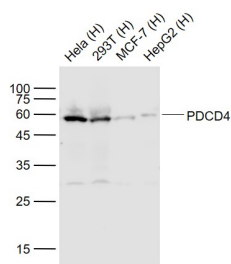
**Background:** This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

### VALIDATION IMAGES

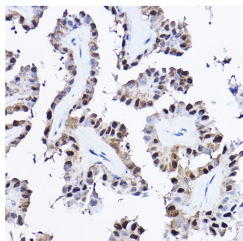
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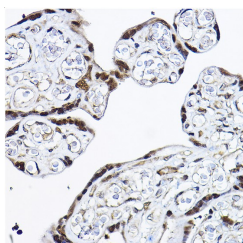
Sample: Lane 1: HeLa (Human) Cell Lysate at 25 ug Lane 2: PDCD4 knockout (KO) HeLa (Human) Cell Lysate at 25 ug Primary: Anti-PDCD4 (bs-55166R) at 1/1000 dilution Secondary: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution Predicted band size: 60 kD Observed band size: 60 kD



Sample: Lane 1: HeLa (Human) Cell Lysate at 30 ug Lane 2: 293T (Human) Cell Lysate at 30 ug Lane 3: MCF-7 (Human) Cell Lysate at 30 ug Lane 4: HepG2 (Human) Cell Lysate at 30 ug Primary: Anti-PDCD4 (bs-55166R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 58 kD



Paraformaldehyde-fixed, paraffin embedded (human thyroid cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PDCD4) Polyclonal Antibody, Unconjugated (bs-55166R) at 1:25 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PDCD4) Polyclonal Antibody, Unconjugated (bs-55166R) at 1:25 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.