[KD Validated] Anti-PDCD4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R020007

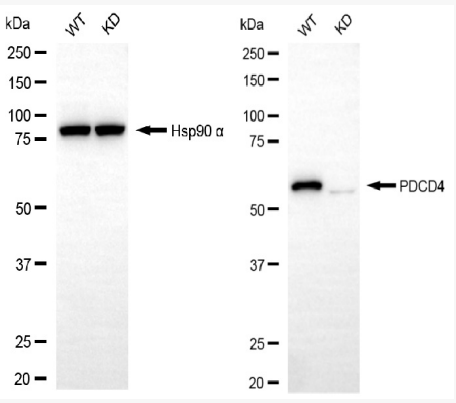
Product Information

Application	WB
Reactivity	Human
Dilution	WB 1:1,000~1:5,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	34D83F90
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PDCD4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-PDCD4 Rabbit mAb [34D83F90] is for research use only and not for use in diagnostic or therapeutic procedures.

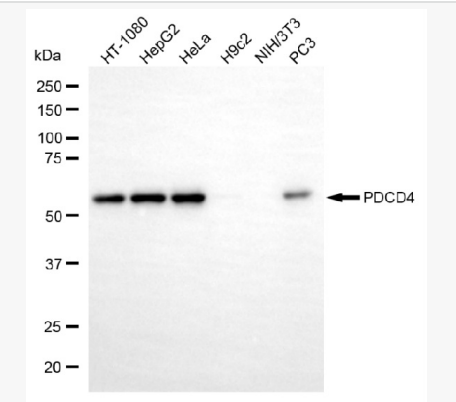
Protein Information

Synonyms	PDCD4; Programmed Cell Death 4; H731; Programmed Cell Death 4 (Neoplastic Transformation Inhibitor); Neoplastic Transformation Inhibitor Protein; Programmed Cell Death Protein 4; Nuclear Antigen H731; Protein 197/15a; Nuclear Antigen H731-Like.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 55 kDa
Uniprot ID	Q53EL6
Gene ID	27250
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.

Validation Images



Western blotting analysis using PDCD4 antibody (R020007). PDCD4 expression in wild-type (WT) and PDCD4 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PDCD4 antibody (R020007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using PDCD4 antibody (R020007). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PDCD4 antibody (R020007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.