

Anti-Phospho-PDCD4 (Ser457) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Pig, Horse, Rabbit, Zebrafish, Sheep)
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Spleen (Mouse) Lysate at 40 µg Primary: Anti-phospho-PDCD4 (Ser457) (TMAB-11122) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD 2. HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (phospho-PDCD4 (Ser457)) polyclonal Antibody, Unconjugated (TMAB-11122) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.
Application:	WB, ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthesised phosphopeptide: human PDCD4 around the phosphorylation site of Ser457
Antigen Species:	Human
Gene ID:	27250
Uniprot ID:	Q53EL6

Research 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]

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481