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Rabbit Polyclonal anti-SMAD2 (N) Antibody

Cat#: R0025-1

Lot#: Refer to vial

Quantity: 100 µl

Application: WB

Predicted M.W.: 52 kDa

Uniprot ID: Q15796

Background:

SMAD2 is a transcriptional modulator activated by TGF-beta and activin type 1 receptor kinase. SMAD2 is a receptor-regulated SMAD (R-SMAD). SMAD2 is phosphorylated by the activated receptor kinase upon ligand stimulation, and forms a complex with other SMADs. The SMAD complex then translocates into the nucleus to regulate transcription. SMAD2 may act as a tumor suppressor in colorectal carcinoma.

Other Names:

JV18, JV18-1, MADH2, MADR2, MGC22139, MGC34440, hMAD-2, hSMAD2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SMADs. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1x PBS (pH 7.4), 100 µg/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

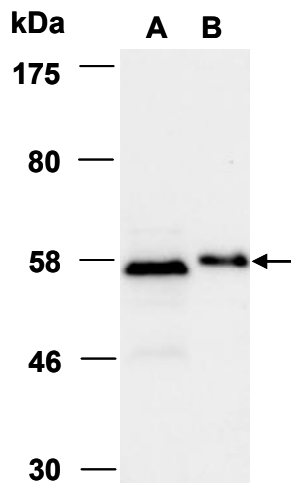


Fig 1. Western blot of total cell extracts from (A) human Jurkat, (B) mouse thymus, using Ab (R00025-1) at RT for 2 h.