Snail (C15D3) Rabbit mAb

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications | Species Cross-Reactivity* | Molecular Wt. | Isotype
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W, IP | H, M, R, Mk | 29 kDa | Rabbit IgG**
Endogenous

Background: Snail is a zinc-finger transcription factor that can repress E-cadherin transcription. Down regulation of E-cadherin is associated with epithelial-mesenchymal transition during embryonic development, a process also exploited by invasive cancer cells (1-3). Indeed, loss of E-cadherin expression is correlated with the invasive properties of some tumors and there is a considerable inverse correlation between Snail and E-cadherin mRNA levels in epithelial tumor cell lines (4,5). In addition, Snail blocks the cell cycle and confers resistance to cell death (6). Phosphorylation of Snail by GSK-3 and PAK1 regulates its stability, cellular localization and function (7-10).

Specificity/Sensitivity: Snail (C15D3) Rabbit mAb detects endogenous levels of total Snail protein.

Source/Purification: Monoclonal antibody is produced by immunizing animals with a recombinant human Snail protein.

Background References:

Storage: Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.

**Anti-rabbit secondary antibodies must be used to detect this antibody.

Recommended Antibody Dilutions:
Western blotting | 1:1000
Immunoprecipitation | 1:50

For application specific protocols please see the web page for this product at www.cellsignal.com.

Please visit www.cellsignal.com for a complete listing of recommended companion products.