

SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

[View Antibody Link](#)

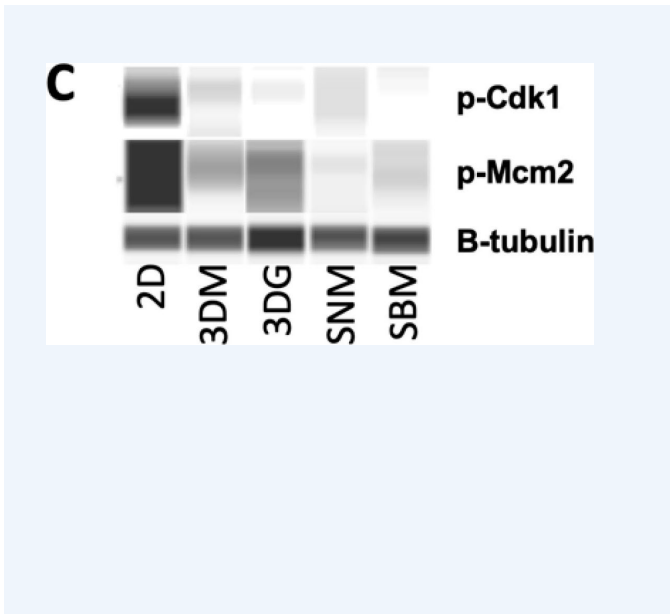


Figure 1: Cell cycle progression genes are up-regulated in cells cultured in monolayer culture. (A) Heat map of differentially expressed cell cycle genes (Supplementary Table S4) relative to 2D culture depicting increased down-regulation as culturing complexity increases (n = 4–5). (B) Violin plot depicting magnitude of down-regulation and distribution of SBM vs. 2D up-regulated cell cycle progression genes across other culturing conditions relative to 2D culture. (C) Pseudogel representation of protein levels of phosphorylated cell cycle genes (Cdk1 and Mcm2) from 4T1 cells cultured across multiple conditions. (D) Quantification of protein levels relative to β-tubulin.



Figure 2: Pseudogel representation of protein levels of phosphorylated Stat1 from 4T1 cells cultured across multiple conditions.

*Image collected and cropped by CiteAb from the following publication (<https://www.mdpi.com/2072-6694/12/3/690>) licensed under a CC-BY license

PROTEIN TARGET/ANTIBODY	
Protein Target	β -Tubulin
Protein Isoform	Unmodified
Antibody Type	Primary
Host Species/Clonality	Rabbit Monoclonal
ASSAY	
Sample Type	4T1
Sample Concentration	Not_Stated
Antibody Concentration/Dilution	1:100
Antibody Diluent	
Detection Mode	Standard Fluorescence
Separation Type	Size
Matrix	Not_Stated
Observed kDa	Not_Stated

PUBLICATIONS	
1.	Hum, N. R., Sebastian, A., et al. Comparative Molecular Analysis of Cancer Behavior Cultured In Vitro, In Vivo, and Ex Vivo. <i>Cancers (Basel)</i> . 2020 Mar 14;12(3):NULL. 10.3390/CANCERS12030690. PMID:32183351.

This antibody is certified for Gel-Free, Blot Free, Hands Free Simple Western Systems. To learn about Simple Western Systems, available Simple Western antibodies, or new antibody submissions visit the links below. For additional information, please contact support@proteinsimple.com.

[Simple Western Systems](#)

[Simple Western Antibody Database](#)

[Simple Western Antibody Submission](#)