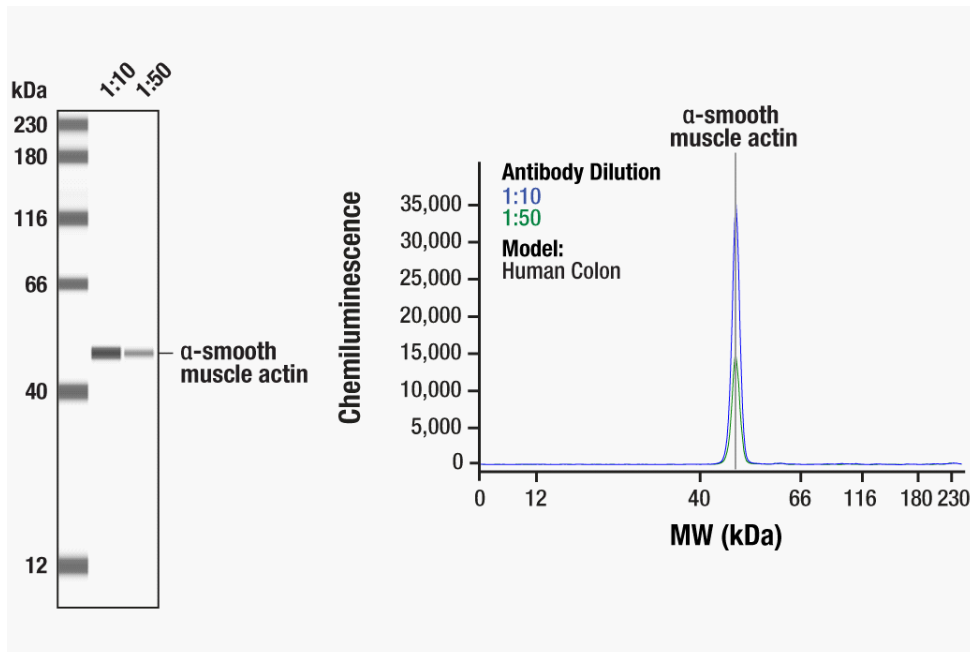


## SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET



Simple Western™ analysis of extracts (1 mg/mL) from Human Colon tissue using α-Smooth Muscle Actin (D4K9N) XP® Rabbit mAb #19245. The virtual lane view (left) shows a single target band (as indicated) at 1:10 and 1:50 dilutions of primary antibody. The corresponding electropherogram view (right) plots chemiluminescence by molecular weight along the capillary at 1:10 (blue line) and 1:50 (green line) dilutions of primary antibody. This experiment was performed under reducing conditions on the Jess™ Simple Western instrument from ProteinSimple, a Bio-Techne brand, using the 12–230 kDa Separation Module.

Certified by Cell Signaling Technology

### Antibody

Antibody Name (Target)	α-Smooth Muscle Actin (D4K9N) XP® Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Antibody Type	Primary
Antibody Dilution	1:10–1:50 (recommended by CST)
Sample Concentration	1 mg/mL (recommended by CST)

### Assay

Assay Type	SW - Size
Matrix	12–230 kDa
Observed kDa	48, 49
Sample Type	Human Colon
Publications [2 total]	[1] Nephron. 2022;146(1):110-120. [2] Int J Mol Sci. 2022 May 9;23(9):5261.

For additional information on this antibody: [View Antibody Link](#)

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](mailto:support@proteinsimple.com)

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