



Trusted Antibodies. Personal Care.



Build Your Human Tissue Sample Panel Validate Your Biology

Western blot results depend on more than antibody quality. Your sample matters just as much — and cell lines don't always tell the full story.

ProSci Human Tissue Lysates give you biologically relevant, western blot-ready controls from ethically sourced human normal and cancer tissues including breast, lung, liver, colon, and more. Run them alongside your experimental samples to serve as a positive control.

Human tissue lysates that work as hard as you do:

- Biologically relevant — ethically sourced human normal and tumor tissues, not cell line approximations
- Western blot-ready — consistent protein concentration, load and go

No sourcing. No sample prep. No surprises. Just results you can publish.

Choose Your Workflow

1 Lysates (Standalone)

High-quality human tissue lysates, ready for immediate use:

- Tumor lysates from clinically relevant tissues
- Normal tissue lysates for direct comparison
- Consistent protein concentration
- Western blot-ready (no additional prep required)

2 Pre-Built Lysate Panels

Simplify experimental design with matched tissue sets:

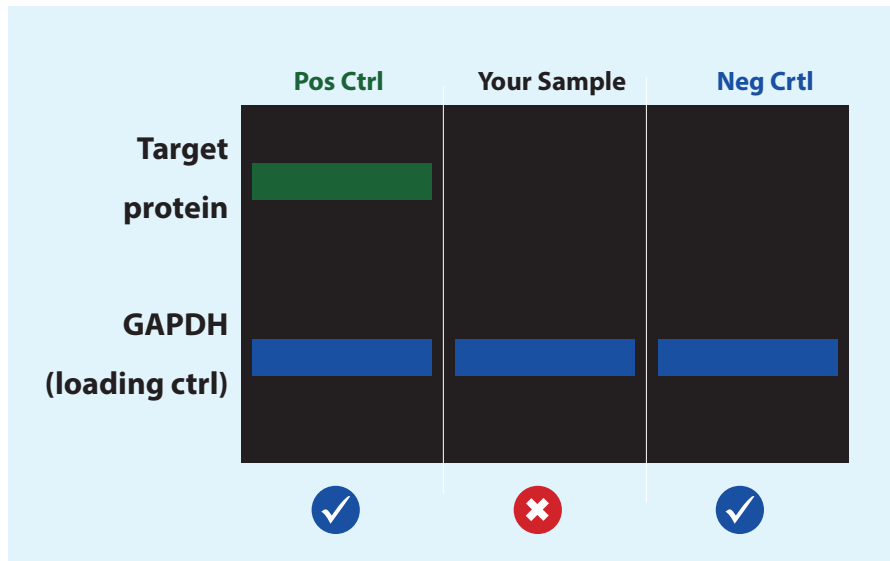
- Organized by tissue type (breast, lung, liver, colon, etc.)
- Designed for differential expression studies
- Reduces sourcing time and variability
- Increases biological relevance of results

Explore Human Lysates

- Browse Tumor Lysates
- Browse Normal Lysates
- Build Your Comparison Panel

Validate your experimental samples with loading controls

Using both a positive control and a loading control, typically a housekeeping protein like GAPDH, can control degraded samples. Combining a loading control with a positive control makes results easy to interpret, especially if your band of interest is negative in your experimental sample.



ProSci offers several popular loading controls

All antibodies recognize human, mouse & rat unless noted.

Protein	MW	Key Notes	Chicken	Mouse	Rabbit
GAPDH	~36 kDa	3 host species — ideal for multiplexing. Most widely used loading control.	5007, 5003	PM-7571	3783, 3781
β-Actin	~41 kDa	Ubiquitously expressed. Close MW to GAPDH — consider if multiplexing.	5005, 5009	—	3777, 3779
β-Tubulin	~50 kDa	Slightly higher MW than GAPDH/Actin. Good separation from most targets.	5103	PM-7627	7175, 7599, 7597
Vinculin	~125 kDa	High MW advantage — ideal when target protein is <100 kDa. Not as ubiquitously expressed.	—	PM-7811	7489, 7807, 7809

To learn more, visit prosciantibodies.com/lysates



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