

Nitrocellulose Sandwiches



Orders ■ 877-616-CELL (2355)
orders@cellsignal.com

Support ■ 877-678-TECH (8324)
info@cellsignal.com

Web ■ www.cellsignal.com

rev. 05/24/17

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

Description:

Nitrocellulose Membrane
Dimensions: 80 x 90 mm
Pore Size: 0.2 μm
Binding Capacity: 115 – 125 $\mu\text{g IgG/cm}^2$

Background: Nitrocellulose Sandwiches from Cell Signaling Technology® are pre-packaged sandwiches consisting of a pre-cut nitrocellulose membrane and 2 sheets of 3 mm thick blotting paper. Intended to provide convenience and time savings, they are also validated for use in CST's Western Blot protocol and are the preferred membrane used by Cell Signaling Technology scientists.

Nitrocellulose Sandwiches are ideal for binding proteins of all molecular weights; the 0.2 μm pore size ensures high retention of low molecular weight proteins, even below 20 kDa. Nitrocellulose Sandwiches are suitable for most common transfer methods including tank, semi-dry, and vacuum blotting. This product is also suitable for colorimetric, fluorescent, and chemiluminescent detection. For chemiluminescent detection, CST recommends HRP based systems. Unlike PVDF, nitrocellulose does not require a methanol pre-wetting step.

Purity: 100% pure nitrocellulose.

Storage: Store at room temperature in a cool and dry place away from light or heat sources. Nitrocellulose is extremely flammable and must be kept away from fire to avoid ignition. Stored appropriately, the product is stable for 12 months. Handle with gloves; nitrocellulose is highly absorbent and will bind proteins from skin contact which may reduce performance and decrease the quality of data.