

## Product Datasheet

### Blockout Universal Blocking Buffer For Western Blotting (orb348645)

## Description

Blockout Universal Blocking Buffer

<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	WB
<b>Preservatives</b>	Thimerosal is added as an antimicrobial agent.
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1X
<b>Storage</b>	Store Blocking Buffer at 4° C prior to opening. DO NOT FREEZE.
<b>Note</b>	For research use only
<b>Application notes</b>	<p>BlockOut allows for superior signal detection and lower background noise in colorimetric, chemiluminescent, and fluorescent western blotting and other applications making it a convenient general purpose blocking agent. Antibody conjugates prepared with IRDye 800 and IRDye 700DX (Licor), Cy2, Cy3, Cy3.5, Cy5 and Cy5.5 (GE Healthcare), DyLight405, DyLight 549, DyLight 649, DyLight 680, and DyLight 800 (Thermo Fisher/Pierce) and Alexa Fluor 488, Alexa Fluor 532, Alexa Fluor 546, Alexa Fluor 647 and Alexa Fluor 680 (Invitrogen/Molecular Probes) and ATTO (Atto-Tec) have been validated on various platforms using this product with superior results compared to other commercially available products. In the infrared range, where little to no autofluorescence occurs, specific signal is sharply evident from any background giving the best possible signal-to-noise ratio. This allows for detection levels in the picogram range which rivals the sensitivity of chemiluminescence on film for western blotting. Superior results are also seen when this product is used for simultaneous labeling (multiplex) in western blots or</p>

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## Purity

Blocking buffer was prepared using ultra pure reagents dissolved in