

Product Datasheet

Blockout Universal Blocking Buffer For Western Blotting (orb348646)

Description

Blockout Universal Blocking Buffer

Conjugation

Unconjugated

Tested

WB

Applications
Preservatives

Thimerosal is added as an antimicrobial agent.

Form/Appearance

Liquid (sterile filtered)

Concentration

1X

Storage

Store Blocking Buffer at 4° C prior to opening. DO NOT FREEZE.

Note

For research use only

Application notes

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

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Purity

BlockOut Blocking buffer was prepared using ultra pure reagents