

Product Datasheet

Blocking Buffer For Fluorescent Western Blotting (orb348642)

Description

Blocking Buffer For Fluorescent

Conjugation	Unconjugated
Tested Applications	WB
Preservatives	Thimerosal is added as an antimicrobial agent.
Form/Appearance	Liquid (sterile filtered)
Concentration	1X
Storage	Store vial at 4° C prior to opening. DO NOT FREEZE.
Note	For research use only
Application notes	<p>Fluorescence technology is widely used to detect proteins in both the visible and near-infrared ranges. This product allows for superior signal detection and lower background noise when fluorochrome conjugated antibodies are used to visualize proteins in western blotting and other applications. 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) 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</p>

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