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## Product Datasheet

### Blocking Buffer For Fluorescent Western Blotting, Unconjugated BYT-ORB348642

Artikelname	Blocking Buffer For Fluorescent Western Blotting, Unconjugated
Artikelnummer	BYT-ORB348642
Hersteller Artikelnummer	orb348642
Alternativnummer	BYT-ORB348642-125
Hersteller	Biorbyt
Kategorie	Sonstiges
Applikation	WB
Konjugation	Unconjugated
Produktbeschreibung	Blocking Buffer For Fluorescent Western Blotting...
Konzentration	1X
Puffer	Preservative: Thimerosal is added as an antimicrobial agent., Buffer: See application note.
Reinheit	Blocking buffer was prepared using ultra pure reagents dissolved in pharmaceutical grade water (WFI) and consists of a proprietary protein formulation in TRIS buffered saline at pH 7.6 with thimerosal added as an antimicrobial agent.
Formulierung	Liquid (sterile filtered)
Application Verdünnung	WB: User Defined

Anwendungsbeschreibung

Application Notes: 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 or microscopy using various fluorochrome combinations for multicolor imaging. Membranes blocked with this product can be dried and are very stable. Membranes that are stored protected from light can be re-washed and/or rescanned