

NBT / BCIP Solution - Ready to Use Alkaline Phosphatase chromogen ab7468

3 References

製品の概要

製品名	NBT / BCIP Solution - Ready to Use Alkaline Phosphatase chromogen
アプリケーション	適用あり: WB, Dot blot
特記事項	<p>NBT / BCIP chromogen (ab7468): a sensitive substrate for alkaline phosphatase detection in immunoblotting. Ready to use formulation.</p> <p>BCIP: 5-bromo-4-chloro-3-indolyl phosphate NBT: p-nitroblue tetrazolium chloride.</p> <p>This product used to be called "Alkaline phosphatase detection kit (BCIP/NBT)".</p> <p>To use: Wash the membrane after incubation with the alkaline phosphatase conjugate secondary reagent. Apply sufficient substrate to cover the membrane. Color (purple-turquoise, varies with pH) will develop within 30 minutes. Wash, dry membrane and image.</p> <p>NBT / BCIP Solution - Ready to Use Alkaline Phosphatase chromogen is an artificially manufactured chromogenic substrate for use in sensitive colorimetric assays. Alkaline phosphatase hydrolyzes the BCIP to 5-bromo-4-chloro-3-indole, which is oxidized by oxygen in the atmosphere, yielding a blue dye. In the presence of NBT, an insoluble dark blue precipitate is formed after a reduction reaction instead.</p>

製品の特性

製品の状態	Liquid
保存方法	Store at +4°C.
バッファー	Constituents: 0.09% NBT, 0.09% 5-bromo-4-chloro-3-indolyl-phosphate-p-toluidine salt

アプリケーション

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アプリケーション	Abreviews	特記事項

アプリケーション	Abreviews	特記事項
WB		1/1. Ready to use formulation. BCIP/NBT system is based on hydrolysis of BCIP and reduction of NBT producing a deep purple reaction product. Reaction is several times more sensitive than existing products with little or no background staining. The reaction product is extremely stable and does not fade when exposed to light.
Dot blot		1/1. Ready to use formulation.

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