

Anti-mouse IgG for IP (Biotin) ab131367

1 References

製品の概要

製品名	Anti-mouse IgG for IP (Biotin)
由来種	Rat
ターゲット生物種	Mouse
特異性	VeriBlot for IP secondary antibodies are anti-mouse immunoblotting reagents that enable the trouble-free detection of immunoblotted target protein bands, without interference from denatured IgG. This allows to detect the (co-)immunoprecipitated protein without masking by the IgG heavy (50 kDa) and light chains (25 kDa). In general this interference tends to originate from secondary antibodies which recognize primary antibodies released with the antigen during the immunoprecipitation procedure or endogenous IgGs from the lysate itself. VeriBlot for IP secondary antibodies only recognize native (non-reduced) antibodies and therefore the detection of heavy and light chains is highly minimized, if the immunoprecipitate is fully reduced.
アプリケーション	適用あり: WB
標識	Biotin

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium azide Constituents: 0.16% Sodium phosphate, 0.88% Sodium chloride
ポリ/モノ	モノクローナル
クローン名	eB144
アイソタイプ	IgG
特記事項	Number of blots: At least 20 blots (based on a 0.5 µg/ml dilution in 5 ml milk).

Important protocol notes:

1. The anti-mouse VeriBlot for IP secondary antibody (Biotin) detects mouse IgG antibodies (subtypes IgG1, IgG2a, IgG2b, IgG3).
2. The anti-mouse VeriBlot for IP secondary antibody (Biotin) preferentially detects the non-

reduced form of mouse IgG (subtypes: IgG1, IgG2a, IgG2b, IgG3) over the reduced, SDS-deantured forms.

3. IP sample should be completely reduced/denatured before loaded onto a western blot.

4. Milk should be used as the blocking protein for the immunoblot.

5. Anti-mouse IgG VeriBlot for IP secondary antibody (Biotin) (ab131367) is the biotinylated form of the VeriBlot for IP anti-mouse HRP (**ab131368**). It can be used as a secondary antibody in combination with avidin/streptavidin HRP (**ab59653/ab7403**).

Western blot and IP resources:

a) **Western blot a beginner's guide**

b) **IP protocol**

c) **IP troubleshooting tips**

アプリケーション

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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 µg/ml. The dilution will depend on the sensitivity of the avidin/streptavidin HRP. The recommended is dilution is 0.5 µg/ml. Based on a 0.5 µg/ml dilution in 5 ml milk researchers can perform 20 western blots. This product is recommended for the western blot detection of IP samples in combination with avidin/streptavidin HRP.

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