EasyBlot anti sheep IgG (HRP)

Cat. No. GTX628906-01

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB
Reactivity	Sheep

References (1)
Package
250 µl, 50 µl

PRODUCT

Summary

EasyBlot anti-Sheep IgG is an HRP-conjugated second step reagent that specifically reacts with the native, non-reduced form of Sheep IgG and does not bind the reduced, denatured form. Using Easyblot decreases the interference caused by the heavy (~50 kDa) and light chains (~25 kDa) of the IgG used for immunoprecipitation (IP). EasyBlot is simple to use and results in Western Blot detection of only the target band in your IP experiments. Exercise caution when using Protein A/G for IP with EasyBlot. Protein A/G contaminants bind to sheep IgG with high affinity and may cause contaminating bands with a molecular weight similar to IgG heavy chain or light chian.

To minimize background from Protein A/G contamination, we strongly recommend the use of EasyBlot Kit anti-sheep IgG (Optimized for Prot A/G) (GTX228911-01) or EasyBloker (GTX425858) to minimize protein A/G contamination.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Properties

Form	Liquid
Buffer	0.05M Tris, 0.15M NaCl, 1%BSA, 40% Glycerol
Preservative	0.005% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.18 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Affinity purified by Protein G.
Conjugation	Horseradish peroxidase(HRP)

For full product information, images and publications, please visit our website.

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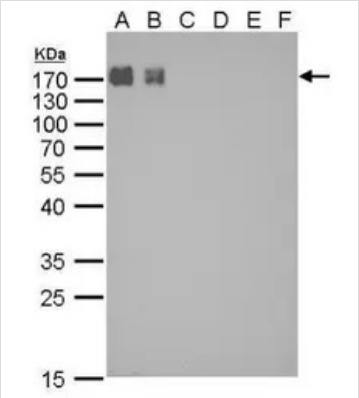
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Note

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DATA IMAGES



GTX628906-01 WB Image

EasyBlot anti-Sheep IgG (HRP) detects native sheep IgG protein by Western blot analysis.
A. 0.2 µg native sheep IgG
B. 0.1 µg native sheep IgG
C. 1 µg denatured sheep IgG
D. 2 µg denatured sheep IgG
E. 4 µg denatured sheep IgG
F. 8 µg denatured sheep IgG
10 % SDS-PAGE
EasyBlot anti-Sheep IgG (HRP) (GTX628906-01) dilution: 1:2000

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