

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 chain.

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 EasyBlocker (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 4°C. For long-term storage, aliquot and store at -20°C 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) |



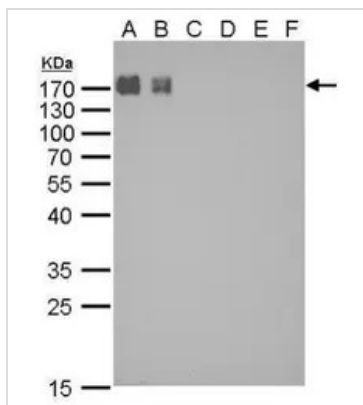
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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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