

# Product Datasheet

## Mouse Pure-Blot anti-Rabbit IgG (H+L) Secondary Antibody (eB182) [HRP] NBP3-11668

Unit Size: 200 ul

Store at -20C. Avoid freeze-thaw cycles.

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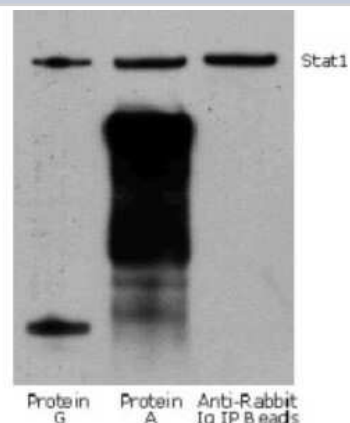
**NBP3-11668**

Mouse Pure-Blot anti-Rabbit IgG (H+L) Secondary Antibody (eB182) [HRP]

<b>Product Information</b>	
<b>Unit Size</b>	200 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	eB182
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.1 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free), 50% (v/v) Glycerol
<b>Product Description</b>	
<b>Description</b>	Prepared from tissue culture supernatant by Protein G affinity chromatography. Assay by Immunoelectrophoresis resulted in a single precipitin arc against Anti-Rabbit Serum.
<b>Host</b>	Mouse
<b>Species</b>	Rabbit
<b>Specificity/Sensitivity</b>	Reactivity is observed against native Rabbit IgG by both Western blot and ELISA.
<b>Immunogen</b>	Rabbit IgG
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, In-situ Hybridization, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, In-situ Hybridization, Chromatin Immunoprecipitation (ChIP)
<b>Application Notes</b>	<p>This secondary antibody may also be used for detection in immunoblotting assays that do not employ immunoprecipitation. It is provided as 1000X solution. To conserve reagent, we recommend incubating the blots from minigels in sealed bags (removing as much air as possible) with minimal volume (2-3 mls). If used conservatively at 2.5mls/blot will yield enough reagent for 80 blots.</p> <p>Note that there are three key procedural considerations:</p> <ol style="list-style-type: none"> <li>1. Protein A or G should not be used for the immunoprecipitation. Use of protein A or G beads with the rabbit Pure-Blot will result in contaminating bands. For immunoprecipitation, Anti-Rat IgG beads, or Anti-Rabbit IgG beads should be used for rat or rabbit immunoprecipitating antibodies, respectively.</li> <li>2. Immunoprecipitate should be completely reduced.</li> <li>3. BLOTTO/Milk should be used as the blocking protein for the immunoblot. All recommended dilutions for listed applications are intended as an initial recommendation, specific conditions for each protein and antibody combination should be specifically optimized by the end user.</li> </ol>

## Images

Western Blot: Mouse Pure-Blot anti-Rabbit IgG (H+L) Secondary Antibody (eB182) [HRP] [NBP3-11668] - Jurkat cell lysate (0.5 ml of  $1 \times 10^7$  cells/ml) was incubated with rabbit anti-human Stat1 and immunoprecipitated using Protein G, Protein A and Anti-Rabbit Ig IP Beads. Precipitate from  $5 \times 10^5$  cells was subjected to electrophoresis, transferred to a PVDF membrane, and Western blotted with anti-Stat1 using Mouse Pure-Blot anti-Rabbit IgG Secondary antibody (eB182) [HRP].





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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