

# Product Datasheet

## Rat Pure-Blot anti-Mouse IgG (H+L) Secondary Antibody (eB144) [Biotin] NBP3-11660

Unit Size: 100 ug

Store at 4C. Do not freeze.

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Updated 2/26/2025 v.20.1

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**NBP3-11660****Rat Pure-Blot anti-Mouse IgG (H+L) Secondary Antibody (eB144) [Biotin]**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	eB144
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 (Proprietary Stabilizer)

<b>Product Description</b>	
<b>Description</b>	<p>This secondary antibody was prepared from tissue culture supernatant by Protein G affinity chromatography. Assay by Immunoelectrophoresis resulted in a single precipitin arc against Anti-Mouse Serum.</p> <p>Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rat
<b>Species</b>	Mouse
<b>Immunogen</b>	Mouse IgG

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:000, ELISA
<b>Application Notes</b>	<p>This antibody is ideal for use in protocols involving immunoblotting of immunoprecipitated proteins. This antibody preferentially detects the non-reduced form of mouse IgG (IgG1, IgG2a, IgG2b, IgG3) over the reduced, SDS-denatured form of IgG. To achieve best results when detecting mouse IgG1 subtypes, we recommend performing a dot blot or titration to determine the optimal dilution factor for your desired application. When the immunoprecipitate is fully reduced immediately prior to SDS-gel electrophoresis, reactivity of This antibody with the 55 kDa heavy chains and the 23 kDa light chains of the immunoprecipitating antibody is minimized thereby eliminating interference by the heavy and light chains of the immunoprecipitating antibody in IP/Western blot applications. Applications include studies examining post-translational modification (e.g., phosphorylation or acetylation) or protein-protein interactions. Note: There are two key procedural considerations: 1. When using any Pure-Blot reagent, ensure there is complete reduction of the lysate. 2. Use BLOTTO/milk powder for complete and effective blocking of the western blot. 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.</p>



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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