

# Product Datasheet

## Anti-Mouse Ig (H+L) Comp-Bead 3 Population (7.5 um) Kit NBP3-00499

Unit Size: 3 x 5 mL

Store at 4C. Do not freeze.

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**NBP3-00499****Anti-Mouse Ig (H+L) Comp-Bead 3 Population (7.5 um) Kit**

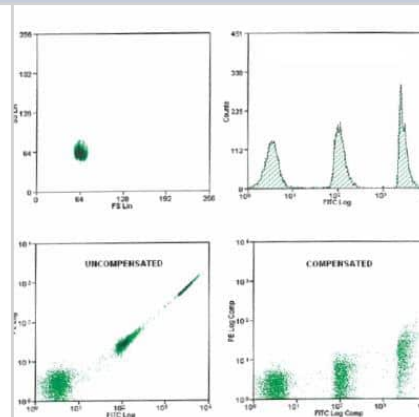
<b>Product Information</b>	
<b>Unit Size</b>	3 x 5 mL
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Preservative</b>	0.02% Sodium Azide
<b>Buffer</b>	PBS, 0.2% BSA

<b>Product Description</b>	
<b>Description</b>	<p>The Anti-Mouse Ig (H+L) Compensation Beads are designed to capture fluorophore-conjugated antibodies, serving as accurate and consistent compensation controls in multicolor flow cytometry.</p> <ul style="list-style-type: none"> <li>• Bind to antibodies of mouse, rat, and hamster origin and are immunoglobulin light chain independent</li> <li>• Compatible with UV- to near IR-excited fluorophores</li> <li>• Exhibit low autofluorescence regardless of excitation wavelength (e.x. violet laser or red laser) or detection bandpass</li> <li>• Contains 3 populations (negative, low, high) for comprehensive quality control of fluorophores</li> </ul> <p>Concentration: <math>2.5 \times 10^6</math> particles / mL</p> <p>Particle size: 7.0 -7.9 micron</p> <p>Particle material: polystyrene beads coated with goat anti-mouse IgG</p>
<b>Kit Components</b>	Comp Beads (negative) - 5 mL, Comp Beads (high) - 5 mL, Comp Beads (low) - 5 mL

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry

**Images**

Anti-Mouse Ig (H+L) Comp-Bead 3 Population (7.5 um) Kit [NBP3-00499] - Histogram of flow cytometry data showing front and side scatter and the three populations in the FITC channel. Dot plots show uncompensated and compensation populations in the FITC Log X PE Log.



## Procedures

### Flow Cytometry Protocol for Anti-Mouse Ig (H+L) Comp-Bead 3 Population (7.5 $\mu$ m) Kit (NBP3-00499)

Shake vigorously or vortex before use. Sonication will help to increase the number of singles. Use for routine quality control of mouse antibody conjugates used in flow cytometry. Add 1 drop from each bottle to a centrifuge tube, followed by the addition of the conjugate being evaluated. After exposure to appropriate mouse antibody conjugates, three different fluorescent peaks shall be resolved by flow cytometry.



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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