

# Product Datasheet

## Fluorescent Exosome Standards (K-562 cell line) NBP3-11695

Unit Size: 100 ug

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**NBP3-11695****Fluorescent Exosome Standards (K-562 cell line)****Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at -20C in the dark. Avoid freeze-thaw cycles.
<b>Buffer</b>	Cell culture media

**Product Description**

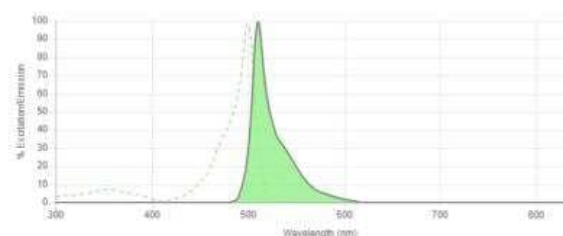
<b>Description</b>	<p>Highly pure fluorescent exosome standards with superior performance, suitable for extracellular vesicle (EV) tracking studies, flow cytometry, and electron microscopy.</p> <p>One vial contains 100 ug of purified exosomes (measured as total protein content; number of particles in 100 ug: <math>&gt; 1 \times 10^{10}</math>). Fluorescent labeled exosomes are stable for approximately 6 months storage at -20C. Avoid repeated freeze-and-thaw cycles. Protect from light</p>
<b>Preparation Method</b>	Exosome isolation involves a combination of ultracentrifugation and microfiltration procedures. Fluorescent exosomes are subsequently quantified and validated for overall protein content and particle number by Nanoparticles Tracking Analysis.

**Product Application Details**

<b>Applications</b>	Electron Microscopy, Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry, Electron Microscopy
<b>Application Notes</b>	The excitation maximum of fluorescent exosome standards is 500 nm - 650 nm and emission maximum is 510 - 665 nm.

**Images**

Fluorescent Exosome Standards (K-562 cell line) [NBP3-11695] - Absorption and corrected fluorescence emission spectrum of conjugate excitation at 488 nm. Excitation spectrum (dotted line) and emission spectrum (solid line).





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### **Limitations**

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

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