

# Product Datasheet

## AbSelect (TM) TCS Purification System Antibody Purification Kit 862-0030

Unit Size: 1 Purification

Store at 4C.

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**862-0030****AbSelect (TM) TCS Purification System Antibody Purification Kit**

<b>Product Information</b>	
<b>Unit Size</b>	1 Purification
<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.
<b>Product Description</b>	
<b>Description</b>	<p>Antibodies are often generated from hybridoma cell lines and supplied in tissue culture supernatant (TCS). TCS itself contains many substances that interfere with antibody labeling reactions. Successful labeling therefore requires antibodies to be purified prior to labeling. The AbSelect TCS system is a fast and simple method to purify these antibodies.</p> <p>AbSelect TCS is prepared by coupling highly purified protein A to agarose beads which can be used to purify IgG fractions from hybridoma supernatants. The method involves the capture of the antibody on the AbSelect TCS resin and the removal of unwanted substances using a simple wash procedure. The purified product is then eluted and neutralized.</p> <p>The components of the AbSelect TCS are fully compatible with the Lightning-Link antibody labeling kits (available separately), which allows the purified antibody to be immediately labeled with an enzyme, fluorescent protein or fluorescent dye, with a hands-on time of under 30 seconds.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"> <li>• All components and buffers supplied</li> <li>• Purify antibody from 10 - 50 mls of hybridoma TCS</li> </ul>
<b>Kit Components</b>	AbSelect™ TCS Protein A Resin (1 vial), Purification column (1 EA), Wash buffer (1 bottle), Binding buffer - 10X (1 bottle), Elution buffer (1 bottle), Neutralization buffer (1 vial), Concentrator spin column and collection tube (1 EA)
<b>Notes</b>	AbSelect® is a registered trademark of Expedeon Inc. and distributed by Novus Biologicals.
<b>Product Application Details</b>	
<b>Application Notes</b>	The antibody to be purified should be in 10 to 50 mL of tissue culture supernatant. Up to 5 mg of antibody can be purified in each run.



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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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