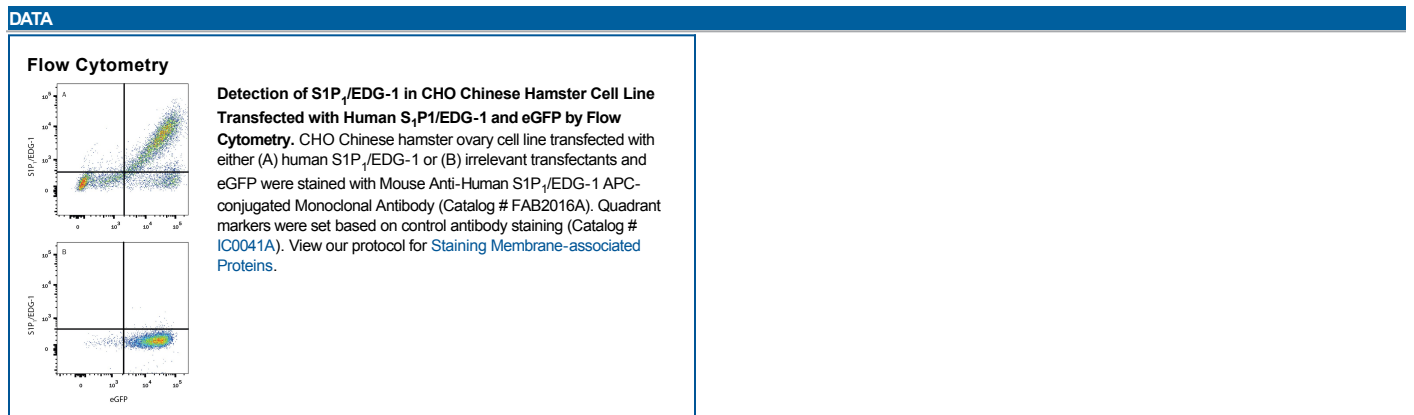


DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human S1P <sub>1</sub> /EDG-1 by flow cytometry.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 218713
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human S1P <sub>1</sub> /EDG-1 Met1-Ser382 Accession # P21453
<b>Conjugate</b>	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
<b>Formulation</b>	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS		
<b>Please Note:</b> Optimal dilutions should be determined by each laboratory for each application. <a href="#">General Protocols</a> are available in the <i>Technical Information</i> section on our website.		
	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	10 μL/10 <sup>6</sup> cells	See Below



PREPARATION AND STORAGE	
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

**BACKGROUND**  
S1P<sub>1</sub>, also known as EDG-1, is a member of the endothelial differentiation gene family. It is a high affinity G protein-coupled receptor for the bioactive lipid, Sphingosine-1-phosphate. S1P<sub>1</sub> signaling regulates endothelial cell survival, cytoskeletal remodeling, chemotaxis, and angiogenesis.