

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human FYB/ADAP/SLAP130 in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 460107
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human FYB/ADAP/SLAP130 Ala2-Gly274 Accession # O15117
<b>Conjugate</b>	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
<b>Formulation</b>	Supplied 0.2 mg/mL 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

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Intracellular Staining by Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Jurkat human acute T cell leukemia cell line fixed with paraformaldehyde and permeabilized with methanol

#### 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

Human SH2 domain containing leukocyte protein-76-Associated Phosphoprotein of 130 kDa (SLAP130), also known as Fyb-120 and ADAP, is an 86 kDa, 783 amino acid, cytoplasmic protein that runs anomalously as a 120-130 kDa protein in SDS-PAGE. Human SLAP130 is a hematopoietic-specific adaptor that associates with other cytoplasmic proteins such as SH2-containing Leukocyte Phosphoprotein of 76 kDa (SLP-76). Adaptors integrate signals from surface receptors and are essential components of many immune cell-signaling cascades. There is at least one known alternatively-spliced SLAP130 isoform which contains an additional 46 aa. Over the region used as immunogen, SLAP130 is 66% and 76% identical to the corresponding canine and mouse proteins, respectively.

#### PRODUCT SPECIFIC NOTICES

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