

Product no **AS20 4450**

**IgG1 (Negative Control, clone VI-AP)**

## Product information

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Subclass/isotype</b>	IgG1
<b>Purity</b>	IgG1 immunoglobulin affinity purified in PBS pH 7.2. Contains 1% BSA, 0.05% sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	0.2 mg
<b>Storage</b>	Stored at 2-8°C, do not freeze.
<b>Additional information</b>	<p>The clone VI-AP reacts with calf intestine alkaline phosphatase and does not show cross-reactivity with human proteins.</p> <p>The sensitivity of VI-AP mAb is determined by staining well-defined blood samples from representative donors with serial-fold mAb dilutions to obtain a titration curve that allows relating the mAb concentration to the percentage of stained cells and geometric MFI (mean fluorescence intensity). For this purpose, a mAb-concentration range is selected to include both the saturation point and the detection threshold. In practice, 50 µl of leukocytes containing 10<sup>7</sup> cells/ml are stained with 20 µl mAb of various dilutions to obtain a titration curve and to identify the saturation point and detection threshold. The final concentration of the product is then adjusted to be at least 3-fold above the detection threshold.</p>

## Application information

<b>Confirmed reactivity</b>	Calf intestine alkaline phosphatase (no cross reaction with human proteins)
<b>Additional information</b>	Enough for approximately 100 of tests