

Product no **AS20 4450****IgG1 (Negative Control, clone VI-AP)****Product information****Host** | Mouse**Clonality** | Monoclonal**Subclass/isotype** | IgG1**Purity** | IgG1 immunoglobulin affinity purified in PBS pH 7.2. Contains 1% BSA, 0.05% sodium azide.**Format** | Liquid**Quantity** | 0,2 mg**Storage** | Stored at 2-8°C, do not freeze.**Additional information** | The clone VI-AP reacts with calf intestine alkaline phosphatase and does not show cross-reactivity with human proteins.

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.

**Application information****Confirmed reactivity** | Calf intestine alkaline phosphatase (no cross reaction with human proteins)**Additional information** | Enough for approximately 100 of tests