

**APC/Fire™ 750 anti-mouse CD16/32**

**Catalog # / Size:** 1383105 / 25 µg  
1383110 / 100 µg

**Clone:** S17011E

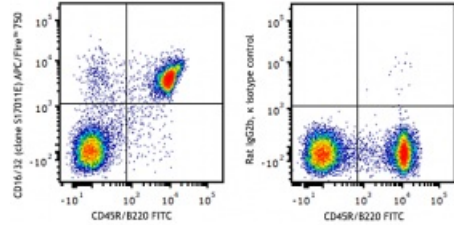
**Isotype:** Rat IgG2b, κ

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

**Concentration:** 0.2 mg/mL



C57BL/6 mouse splenocytes were stained with anti-mouse CD45R/B220 FITC and anti-mouse CD16/32 (clone S17011E) APC/Fire™ 750 (left) or rat IgG2b, κ APC/Fire™ 750 isotype control (right).

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.25 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.

**Application Notes:** Clone S17011E blocks both clone 93 and 2.4G2 also raised against mouse CD16/32

**Description:** CD16 is the low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses. TruStain FcX™ PLUS is specific to the common epitope of CD16/CD32. It is useful for blocking non-specific binding of immunoglobulin to the Fc receptors and is more effective than TruStain FcX™.