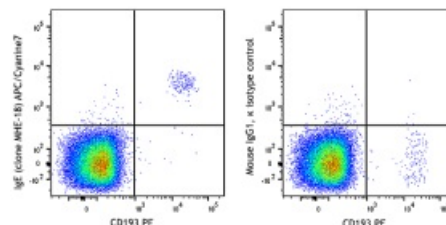


APC/Cyanine7 anti-human IgE**Catalog # /** 2227600 / 100 tests**Size:** 2227595 / 25 tests**Clone:** MHE-18**Isotype:** Mouse IgG1, κ **Immunogen:** Human Ig cocktail**Reactivity:** Human**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC/Cyanine7 under optimal conditions.**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA)**Workshop Number:** HCDM listed**Concentration:** Lot-specific

Overnight cultured human peripheral blood mononuclear cells were stained with CD193 PE and anti-human IgE (clone MHE-18) APC/Cyanine7 (left) or mouse IgG1, κ APC/Cyanine7 isotype control (right). Data shown were gated on lymphocyte population.

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 5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The MHE-18 antibody reacts with both soluble and membrane human immunoglobulin E (IgE). It does not react with other Ig isotypes. Some formats of the MHE-18 antibody can be used as primary or secondary reagent for immunofluorescent staining or ELISA analysis.

Application References: 1. Clark D, et al. 2013. *J Immunol Methods*. 22:1759. [PubMed](#).

Description: IgE is the seventh immunoglobulin made by B cells in the immune response.

Antigen References: 1. Paul, WE. (2003). *Fundamental Immunology*. Philadelphia, PA: Lippincott, Williams, & Wilkins.