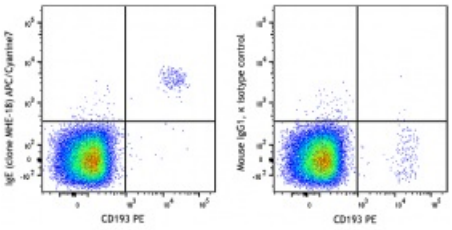
SONY

Product Data Sheet

APC/Cyanine7 anti-human IgE

Catalog # / Size:	2227600 / 100 tests 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 µL per million cells in 100 µL staining volume or 5 µL per 100 µL 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.