

APC/Fire™ 750 anti-human CD3

Analyte Specific Reagent. Analytical and performance characteristics are not established.

981006 / 500 µL Catalog# / Size

SK7 Clone

HCDM listed Workshop

Other Names T3, CD3ε

Mouse IgG1, κ Isotype

Description CD3ɛ is a 20 kD chain of the CD3/T-cell receptor (TCR) complex, which is

composed of two CD3 ϵ , one CD3 γ , one CD3 $\dot{\delta}$, one CD3 $\dot{\zeta}$ (CD247), and a T-cell receptor $(\alpha/\beta \text{ or } \gamma/\delta)$ heterodimer. It is found on all mature T cells, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T

cell activation.

Product Details

Reactivity Human

Phosphate-buffered solution, pH 7.2, containing True-Stain Monocyte Blocker™, **Formulation**

0.09% sodium azide, 0.2% (w/v) BSA (origin USA), and a stabilizer.

The antibody was purified by affinity chromatography and conjugated with Preparation

APC/Fire™ 750 under optimal conditions.

Concentration 200 μg/mL

Storage & Handling The antibody solution should be stored undiluted between 2°C and 8°C, and

protected from prolonged exposure to light. Do not freeze.

Application Suggested for Flow Cytometry

Disclaimer WARNINGS AND PRECAUTIONS

> 1. Use appropriate personal protective equipment and safety practices per universal precautions when working with this reagent. Refer to the reagent safety data sheet.

2. This antibody contains sodium azide. Follow federal, state and local regulations to dispose of this reagent. Sodium azide build-up in metal wastepipes may lead to explosive conditions; if disposing of reagent down wastepipes, flush with water

after disposal.

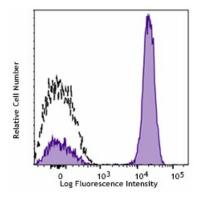
3. All specimens, samples and any material coming in contact with them should be considered potentially infectious and should be disposed of with proper precautions and in accordance with federal, state and local regulations.

4. Do not use this reagent beyond the expiration date stated on the label.

5. Do not use this reagent if it appears cloudy or if there is any change in the appearance of the reagent as these may be an indication of possible

deterioration.

6. Avoid prolonged exposure of the reagent or stained cells to light.



Typical results from human peripheral blood lymphocytes stained either with SK7 APC/Fire™ 750 used at 5 µL/test (filled histogram) or with an isotype control (open histogram).

Symbols Glossary*

Symbol	Meaning	Symbol Title	Symbol No.	Symbol	Meaning	Symbol Title	Symbol No.
REF	Catalog number	Catalogue number	5.1.6	<u> </u>	Indicates the need for the user to consult the instructions for use.	Consult instructions for use	5.4.3
X	Indicates the temperature limits to which the medical device can be safely exposed.	Temperature limit	5.3.7	淡	Indicates a medical device that needs protection from light sources.	Keep away from sunlight	5.3.2
K	Indicates the upper limit of temperature to which the medical device can be safely exposed.	Upper limit of temperature	5.3.6	Ω	Indicates the date after which the medical device is not to be used.	Use-by date	5.1.4
	Indicates the medical device manufacturer.	Manufacturer	5.1.1	EC REP	Indicates the authorized representative in the European Community.	Authorized representative in the European Community	5.1.2
LOT	Indicates the manufacturer's batch code so that the batch or lot can be identified.	Batch code	5.1.5	IVD	Indicates a medical device that is intended to be used as an in vitro diagnostic medical device.	In vitro diagnostic medical device	5.5.1

* Symbol information is from EN ISO 15223-1:2016 Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements

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