

# Anti-Human CD3-FITC/CD4-PE/CD8a-PE/Cyanine7/CD45-PerCP Cocktail

AGEL3316

## Description

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This Anti-Human CD3-FITC/CD4-PE/CD8a-PE/Cyanine7/CD45-PerCP Cocktail is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGEL3316
<b>Contents:</b>	100 Tests, 20 Tests, 200 Tests Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	OKT-3, RPA-T4, OKT-8, HI30
<b>Synonyms:</b>	-
<b>Applications:</b>	<a href="#">FCM</a>
<b>Reactivity:</b>	Human
<b>Immunogen:</b>	-

## Antibody Data

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<b>Uniprot ID:</b>	-
<b>Gene ID:</b>	-
<b>Swissprot:</b>	-
<b>Host Species:</b>	-
<b>Isotype:</b>	-
<b>Isotype Control:</b>	-

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

<b>Conjugation:</b>	FITC, PE, PE/Cyanine 7, PerCP
<b>Conjugation Information:</b>	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter). PerCP is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Purification:</b>	-
<b>Target:</b>	-
<b>Cellular Localization:</b>	-
<b>Tissue Specificity:</b>	-
<b>Verified Samples:</b>	-
<b>Concentration:</b>	5 µL/Test

## Preparation & Storage

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<b>Storage:</b>	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping:</b>	Ice bag
<b>Recommended Dilution:</b>	-

<b>Recommended Usage:</b>	Application	Recommended Usage
	FCM	For whole blood samples, add 5 µL Anti-Human CD3-FITC/CD4-PE/CD8a- PE/Cyanine7/CD45-PerCP Cocktail to 100 µL anticoagulant-treated blood sample. Mix and incubate the sample at 4°C in the dark for 30 min. Remove red blood cells with RBC lysis solution following the manufacturer's instruction. Wash the cell with cell staining buffer and discard the supernatant after centrifugation at 300 g for 5 min. Resuspend the cells with 200 µL cell

	<p>staining buffer and load the sample on flow cytometer for detection. For other samples, <math>1 \times 10^6</math> dissociated single cells are centrifuged at 300 g for 5 min with the supernatant discarded. Resuspend the cells with 100 <math>\mu</math>L cell staining buffer and add 5 <math>\mu</math>L Anti-Human CD3-FITC/CD4-PE/CD8a-PE/Cyanine7/CD45-PerCP Cocktail. Mix and incubate the sample at 4°C in the dark for 30 min. Add cell staining buffer to each tube, centrifuge at 300 g for 5 min and discard the supernatant. Resuspend the cells with 200 <math>\mu</math>L cell staining buffer and load the sample on flow cytometer for detection.</p>
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**Protein Quantification (Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:**

Centrifuge before opening to ensure complete recovery of vial contents.