

# APC Anti-CD3 epsilon antibody [145-2C11] ab210190

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## Overview

<b>Product name</b>	APC Anti-CD3 epsilon antibody [145-2C11]
<b>Description</b>	APC Armenian hamster monoclonal [145-2C11] to CD3 epsilon
<b>Host species</b>	Armenian hamster
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<b>Specificity</b>	ab210190 is specific for mouse CD3e, also known as CD3 epsilon
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Positive control</b>	Mouse C57Bl/6 splenocytes.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin</p>
<b>Purity</b>	Multi-step Chromatography
<b>Purification notes</b>	ab210190 was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	145-2C11

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab210190 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. Use 0.25 µg.

## Target

### Function

The CD3 complex mediates signal transduction.

### Sequence similarities

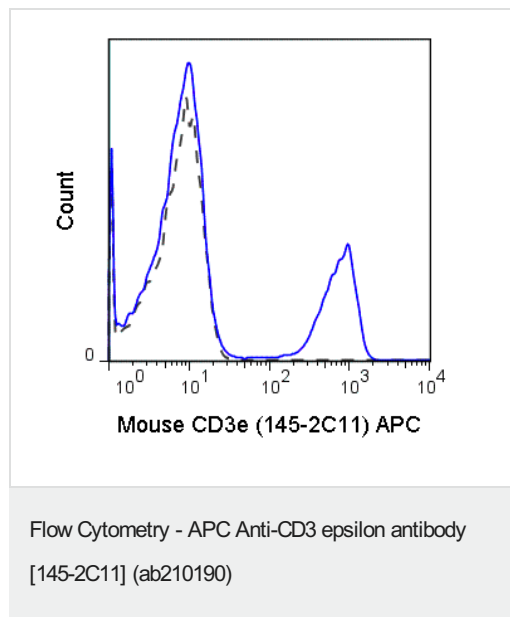
Contains 1 Ig-like (immunoglobulin-like) domain.

Contains 1 ITAM domain.

### Cellular localization

Membrane.

## Images



Flow cytometric analysis of mouse C57Bl/6 splenocytes labeling CD3 with 0.25 µg ab210190 (solid line) compared with 0.25 µg armenian hamster IgG APC isotype control (dashed line).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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