

## Product datasheet

# Anti-CD3 epsilon antibody [500-A2] (FITC) ab24998

### Overview

<b>Product name</b>	Anti-CD3 epsilon antibody [500-A2] (FITC)
<b>Description</b>	Syrian Hamster monoclonal [500-A2] to CD3 epsilon (FITC)
<b>Host species</b>	Syrian hamster
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> IP, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	T cell receptor complexes derived from C6VL-BS thymoma cells (C57BL/Ka) (Mouse)

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: PBS
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	500-A2
<b>Isotype</b>	IgG
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab24998** 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
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IP

Flow Cyt

**Application notes** Flow Cyt: Use 3µg for 10<sup>6</sup> cells.

IP: Use at an assay dependent dilution.  
In vitro activation of T cells.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

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## Target

<b>Function</b>	The CD3 complex mediates signal transduction.
<b>Sequence similarities</b>	Contains 1 Ig-like (immunoglobulin-like) domain. Contains 1 ITAM domain.
<b>Cellular localization</b>	Membrane.

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