

Product datasheet

Anti-CD3 antibody [UCH-T1] ab215267

[2 Images](#)

Overview

Product name	Anti-CD3 antibody [UCH-T1]
Description	Mouse monoclonal [UCH-T1] to CD3
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD3. (Human infant thymocytes and Sezary cells).
Positive control	Molt4 and Jurkat whole cell lysate (ab7899); Human PBMCs.
General notes	<p>Clone UCH-T1 is considered a pan T-cell marker - it can be used for the detection of T cell populations in peripheral blood and lymph nodes and the categorisation of T versus B cell lymphomas and leukaemias. It reacts with the majority of peripheral blood T lymphocytes, a major proportion of thymocytes, the majority of T cell chronic lymphocytic leukaemia cells, Sézary leukaemias and approximately 70% of acute lymphoblastic leukaemias of T cell origin.</p> <p>ab215267 is a recombinant monoclonal antibody produced from the original monoclonal with variable regions (i.e. specificity) from the hybridoma.</p> <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&As</p>

Properties

Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	UCH-T1

Isotype

IgG1

Applications

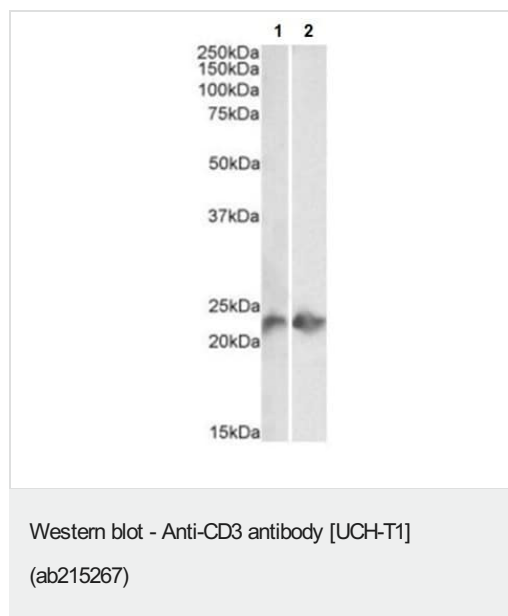
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab215267 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
WB		Use a concentration of 3 - 4 µg/ml. Detects a band of approximately 23 kDa (predicted molecular weight: 19 kDa).
Flow Cyt		Use at an assay dependent concentration.

Images



All lanes : Anti-CD3 antibody [UCH-T1] (ab215267) at 3 µg/ml

Lane 1 : Jurkat cell lysate (in RIPA buffer)

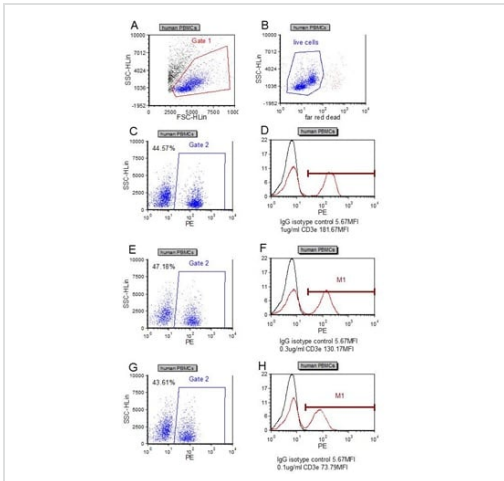
Lane 2 : Molt4 cell lysate (in RIPA buffer)

Lysates/proteins at 35 µg per lane.

Predicted band size: 19 kDa

Observed band size: 23 kDa

Primary incubation was 1 hour.



Flow cytometric analysis of the dose-dependency (D, F, H) of ab215267 binding to live human PBMCs (B). The gating strategy is shown for control purposes (A, B, C, E, G).

Flow Cytometry - Anti-CD3 antibody [UCH-T1]
(ab215267)

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