

## OriGene Technologies Inc.

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## AM11105PU-S OriGene EU

Acris Antibodies GmbH Schillerstr. 5

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## **Monoclonal Antibody to CD4 - Purified**

Alternate names:	T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4
Catalog No.:	AM11105PU-S
Quantity:	0.1 ml
Concentration:	0.025 mg/ml.
Background:	CD4, a single chain transmembrane glycoprotein, is found on a T cell subset (helper/inducer) representing 45% of peripheral blood lymphocytes. CD4 is also present on 80% of thymocytes and at a lower level on monocytes. CD4 is involved in recognition of antigen presented along with MHC class II by APCs. It serves as receptor for HIV.
Uniprot ID:	<u>P01730</u>
NCBI:	<u>9606</u>
GenelD:	<u>920</u>
Host:	Rabbit
Clone:	SP35
Immunogen:	Synthetic peptide corresponding to internal region of Human CD4. <b>Remarks:</b> Epitope: Internal region.
Format:	State: Liquid purified Ig Fraction Purification: Protein A/G Chromatography Buffer System: PBS, pH 7.6 Preservatives: 0.09% Sodium Azide Stabilizers: 1% BSA
Applications:	<ul> <li>FACS analysis: 1/100.</li> <li>Positive Control: Jurkat cell line.</li> <li>Immunohistochemistry on Paraffin Sections: 1/50 for 30 min at RT.</li> <li>Staining of formalin-fixed tissues requires boiling tissue sections in EDTA buffer for 10 min followed by cooling at RT for 20 min.</li> <li>Positive Control: Tonsil, T cell lymphoma.</li> <li>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul>
Molecular Weight:	59 kDa
Specificity:	This antibody recognizes CD4. <i>Cellular Localization:</i> Membrane.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Pig.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



RS/20150417

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



## AM11105PU-S: Monoclonal Antibody to CD4 - Purified

Storage:

**Pictures:** 

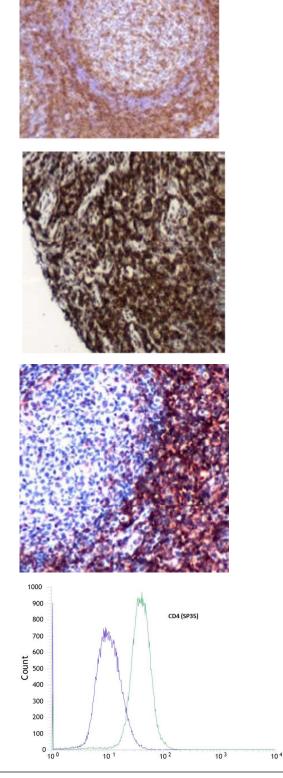
Store the antibody undiluted at 2-8°C. **DO NOT FREEZE!** Shelf life: one year from despatch.

Human tonsil stained with Anti-CD4 Antibody Cat.-No AM11105PU (Clone SP35).

> Human T cell lymphoma stained with Anti-CD4 Antibody Cat.-No AM11105PU (Clone SP35).

Human tonsil stained with Anti-CD4 Antibody Cat.-No AM11105PU (Clone SP35).

Cytometric analysis of Anti-CD4 Antibody Cat.-No AM11105PU (Clone SP35) in Jurkats (green) compare to negative control of rabbit IgG (blue).



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