

## OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## AM11105PU-N OriGene EU

Acris Antibodies GmbH Schillerstr. 5

32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

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

Alternate names:	T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4
Catalog No.:	AM11105PU-N
Quantity:	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:	920
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-N: Monoclonal Antibody to CD4 - Purified

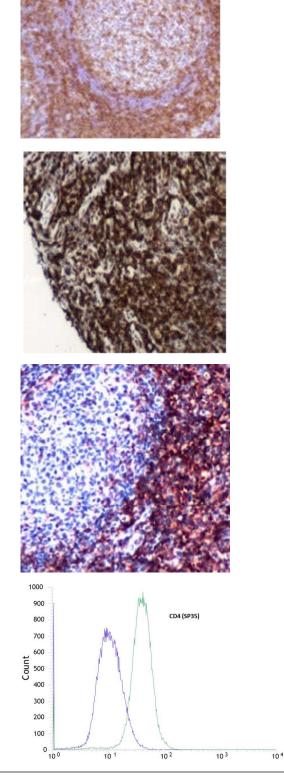
Storage:Store the antibody undiluted at 2-8°C.DO NOT FREEZE!Shelf life: one year from despatch.Pictures:Human tonsil stained with Anti-CD4

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).



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. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com RS/20150417