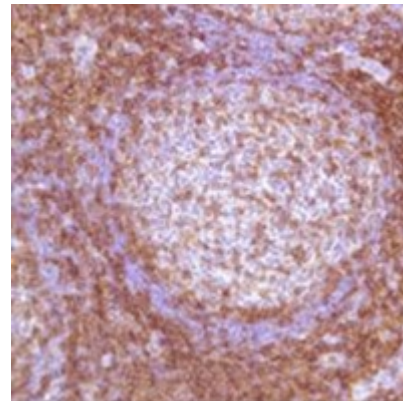


## Monoclonal Antibody to CD4 - Purified

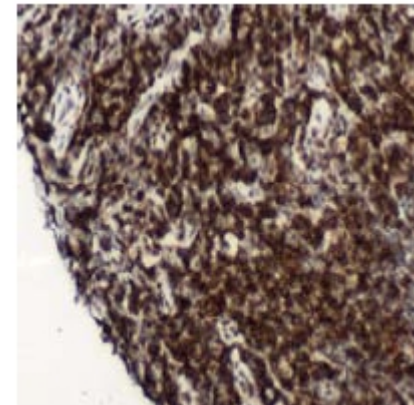
<b>Alternate names:</b>	T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4
<b>Catalog No.:</b>	AM11105PU-S
<b>Quantity:</b>	0.1 ml
<b>Concentration:</b>	0.025 mg/ml.
<b>Background:</b>	CD4, a single chain transmembrane glycoprotein, is found on a T cell subset (helper/inducer) representing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

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

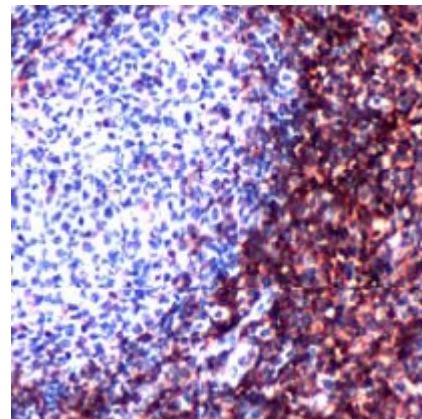
**Pictures:** Human tonsil stained with Anti-CD4 Antibody Cat.-No AM11105PU (Clone SP35).



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).

