

## Polyclonal Antibody to CD4 - Purified

<b>Alternate names:</b>	T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4
<b>Catalog No.:</b>	AP15440PU-N
<b>Quantity:</b>	1 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. It is also present on 80% of thymocytes and at a lower level on monocytes. It 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>Immunogen:</b>	Synthetic peptide corresponding to internal region of human CD4
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Buffer System:</b> 10mM PBS, pH 7.6 containing 1% BSA as stabilizer and 0,09% Sodium Azide as preservative
<b>Applications:</b>	Immunohistochemistry on paraffin sections: 1/50 for 30 min at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 8.0 for 10 min followed by cooling at RT for 20 min. <i>Positive control:</i> Tonsil Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to CD4. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.

**Pictures:**

Human tonsil stained with anti-CD4 antibody

