

Recombinant CD4 Monoclonal Antibody

catalog number: AN300001P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

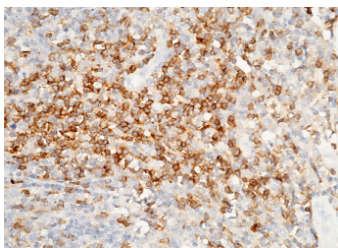
Description

Reactivity	Human; Cynomolgus
Immunogen	Recombinant Human CD4 protein
Host	Rabbit
Isotype	IgG
Clone	1A5
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

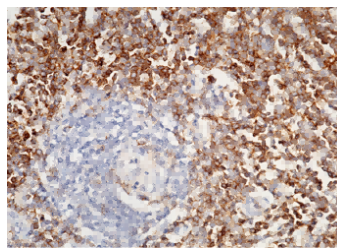
Applications Recommended Dilution

IHC-P	1:100-1:500
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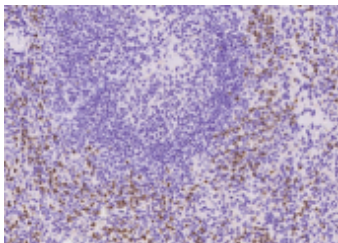
Data



Immunohistochemistry of paraffin-embedded human tonsil using CD4 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human lymphoid node using CD4 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded cynomolgus spleen using CD4 Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

CD4 is an approximately 55 kDa type I membrane glycoprotein that is expressed predominantly on most thymocytes and a subset of mature T lymphocytes. In humans, CD4 is also expressed to a lesser extent on monocytes and macrophage related cells. Human CD4 cDNA encodes a 458 amino acid (aa) residue precursor protein with a 25 aa residue signal peptide, a 371 aa residue extracellular region containing four immunoglobulin homology domains, a 24 aa residue transmembrane domain and a 38 aa residue cytoplasmic domain.