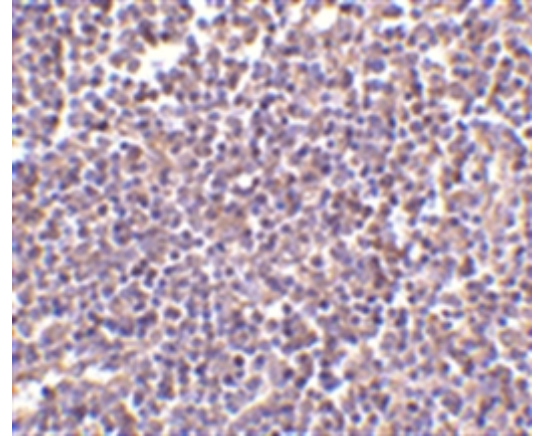


**AP05584PU-N****Polyclonal Antibody to CD5L (N-term) - Purified**

<b>Alternate names:</b>	SP-ALPHA
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0mg/ml
<b>Background:</b>	CD5L is also known as Apoptosis Inhibitor expressed by Macrophages (AIM), and SP alpha. CD5L is a soluble 38kD glycoprotein which is specifically produced by mature macrophages, and has been shown to support their survival and enhance phagocytic function. CD5L expression is upregulated in response to LXR/RXR heterodimer activation. CD5L has been shown to mediate the survival of macrophages in atherosclerotic plaques.
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	16 amino acid peptide sequence near the amino terminus of human CD5L.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Buffer System:</b> Phosphate buffered saline containing 0.02% Sodium Azide
<b>Applications:</b>	Western Blot: 1 - 2µg/ml; detects a band of approximately 38kDa in human lymph node tissue lysates. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects an epitope within the N-terminal (NT) region of human CD5L. <b>Species:</b> Human, Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
<b>General Readings:</b>	1. Sarrias MR, Roselló S, Sánchez-Barbero F, Sierra JM, Vila J, Yélamos J, et al. A role for human Sp alpha as a pattern recognition receptor. J Biol Chem. 2005 Oct 21;280(42):35391-8. Epub 2005 Jul 19. PubMed PMID: 16030018. 2. Arai S, Shelton JM, Chen M, Bradley MN, Castrillo A, Bookout AL, et al. A role for the apoptosis inhibitory factor AIM/Spalpha/Api6 in atherosclerosis development. Cell Metab. 2005 Mar;1(3):201-13. PubMed PMID: 16054063.

**Pictures:**

Immunohistochemical staining of human lymph node with Rabbit anti human CD5L (AP05584PU-N)



Western blot analysis of human lymph node lysate probed with Rabbit anti Human CD5L, also known as AIM (AP05584PU-N) at 1(A), 2(B) and 4(C) µg/ml

