

Anti-CD5L Polyclonal Antibody

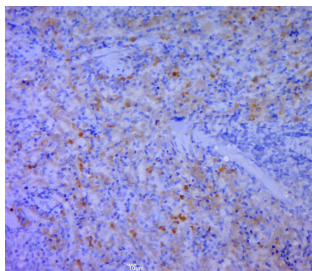
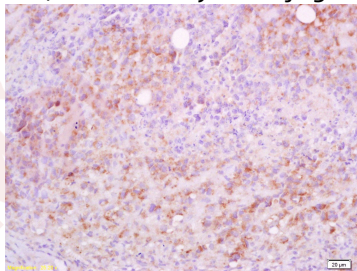
Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human)
Molecular Weight:	Theoretical: 36 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: mouse lymphoma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
Incubation: Anti-CD5L/Ap16 Polyclonal Antibody, Unconjugated (TMAB-00376) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (rat spleen tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CD5L) Polyclonal Antibody, Unconjugated (TMAB-00376) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.

Verified Activity:



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CD5L

Antigen Species: Human

Gene ID: 922

Uniprot ID: O43866

Synonyms: CD5 molecule-like;API6;Sp α ;Spalpha;PRO229;SP-ALPHA;AIM;SP- α

Biology Area: Survivin / IAPs

Research Background

CD5L is a member of the scavenger receptor cysteine-rich domain superfamily (SRCR-SF) initially identified as an inducible cell surface ligand of CD5. It was shown that CD5L functions in the thymus as the inducer of resistance to apoptosis within CD4+/CD8+ thymocytes and as the supporter of the viability of these cells before thymic selection. CD5L was also shown to support macrophage survival and enhance their phagocytic function. More recent experiments using recombinant CD5L significantly inhibited apoptosis of NKT and T cells obtained from *C. parvum*-stimulated livers in vitro, suggesting that CD5L functions to induce resistance to apoptosis in these cells and supports host defense against inflammation during infection. Expressed in spleen, lymph node, thymus, bone marrow, and fetal liver, but not in non-lymphoid tissues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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