

Anti-SLP76 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

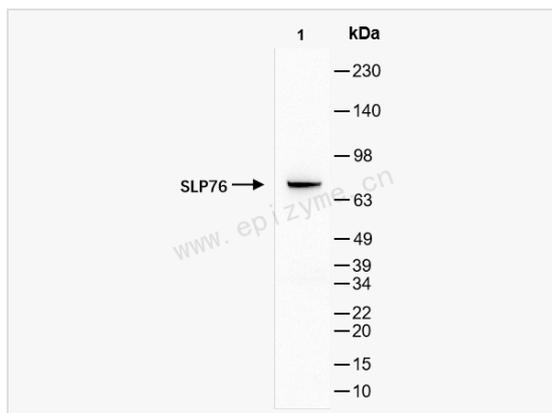
Catalog # R015541

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:3,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	81V06E02
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SLP76
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SLP76 Rabbit mAb [81V06E02] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	76 kDa tyrosine phosphoprotein; CG8697; LCP 2; LCP2; LCP2_HUMAN; Lymphocyte cytosolic protein 2; SH2 domain containing leukocyte protein 76 KD; SH2 domain containing leukocyte protein of 76kD; SH2 domain containing leukocyte protein of 76kDa; SH2 domain-containing leukocyte protein of 76 kDa; SLP 76; SLP 76 tyrosine phosphoprotein; SLP-76; SLP-76 tyrosine phosphoprotein; SLP76; SLP76 tyrosine phosphoprotein.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 76 kDa
Uniprot ID	Q13094
Gene ID	3937
Background	This gene encodes an adapter protein that acts as a substrate of the T cell antigen receptor (TCR)-activated protein tyrosine kinase pathway. The encoded protein associates with growth factor receptor bound protein 2, and is thought to play a role TCR-mediated intracellular signal transduction. A similar protein in mouse plays a role in normal T-cell development and activation. Mice lacking this gene show subcutaneous and intraperitoneal fetal hemorrhaging, dysfunctional platelets and impaired viability. [provided by RefSeq, Nov 2016]
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in spleen, thymus and peripheral blood leukocytes. Highly expressed also in T-cell and monocytic cell lines, expressed at lower level in B-cell lines. Not detected in fibroblast or neuroblastoma cell lines.



Western Blot - Anti-SLP76 Rabbit mAb [81V06E02]

All lanes: R015541 at 1:3,000 dilution

Lane 1: K562 (Human chronic myeloid leukemia cell) whole cell lysates

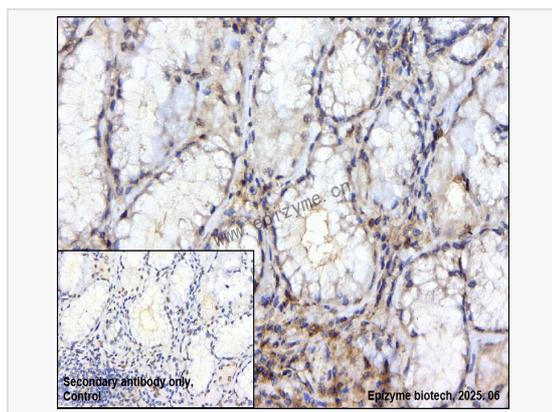
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 60 kDa

Observed band size: 76 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-SLP76 Rabbit mAb [81V06E02]

Sample: Paraformaldehyde-fixed, paraffin embedded human lung cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015541 at 1:200 dilution

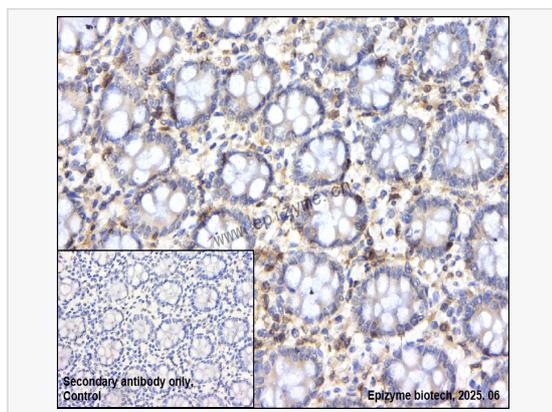
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-SLP76 Rabbit mAb [81V06E02]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015541 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.