

SPB4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11571b

Specification

SPB4 Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	P48594
Other Accession	NP_002965.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44854
Antigen Region	268-296

SPB4 Antibody (C-term) - Additional Information

Gene ID 6318

Other Names

Serpin B4, Leupin, Peptidase inhibitor 11, PI-11, Squamous cell carcinoma antigen 2, SCCA-2, SERPINB4, PI11, SCCA2

Target/Specificity

This SPB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-296 amino acids from the C-terminal region of human SPB4.

Dilution

WB~~1:1000
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SPB4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPB4 Antibody (C-term) - Protein Information

Name SERPINB4

Synonyms PI11, SCCA2

Function May act as a protease inhibitor to modulate the host immune response against tumor cells.

Cellular Location

Cytoplasm. Note=Seems to also be secreted in plasma by cancerous cells but at a low level

Tissue Location

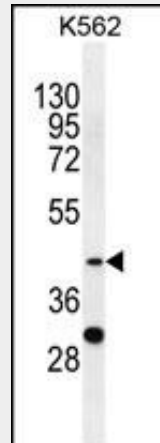
Squamous cells.

SPB4 Antibody (C-term) - Protocols

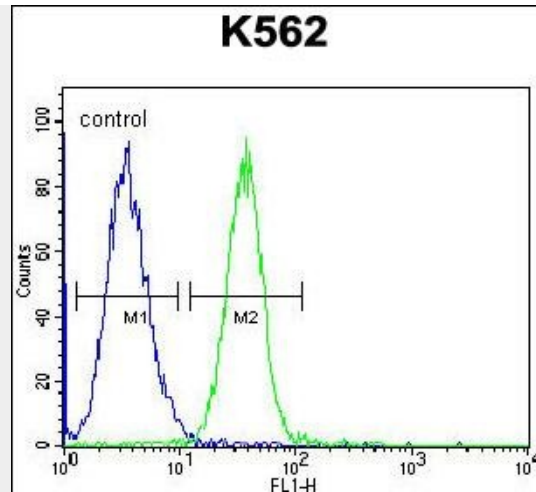
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPB4 Antibody (C-term) - Images



SPB4 Antibody (C-term) (Cat. #AP11571b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SPB4 antibody detected the SPB4 protein (arrow).



SPB4 Antibody (C-term) (Cat. #AP11571b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

SPB4 Antibody (C-term) - Background

SPB4 may act as a protease inhibitor to modulate the host immune response against tumor cells.

SPB4 Antibody (C-term) - References

- Murakami, A., et al. *Int. J. Oncol.* 36(6):1395-1400(2010)
- Higgins, W.J., et al. *J. Biol. Chem.* 285(6):3722-3729(2010)
- Villano, G., et al. *Int. J. Mol. Med.* 25(1):137-143(2010)
- Ahmed, S.T., et al. *Biochem. Biophys. Res. Commun.* 378(4):821-825(2009)
- Yamane, Y., et al. *Int. Arch. Allergy Immunol.* 150(1):89-101(2009)