

Rabbit anti-Human SPB4 Polyclonal Antibody | anti-SERPINB4 antibody

SPB4 Antibody (C-term)

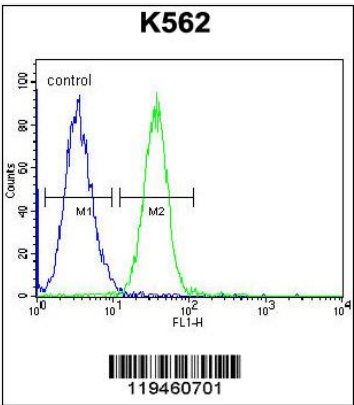
CATALOG # AAA284169	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

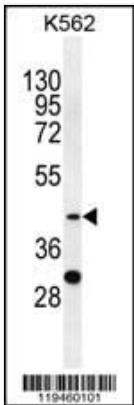
SPB4; Polyclonal Antibody; SPB4 Antibody (C-term); Serpin B4; Leupin; Peptidase inhibitor 11; PI-11; Squamous cell carcinoma antigen 2; SCCA-2; SERPINB4; PI11; SCCA2; anti-SERPINB4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	268-296
Sequence Length	390
Applicable Applications for anti-SERPINB4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SPB4 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB4 antibody	SPB4 may act as a protease inhibitor to modulate the host immune response against tumor cells.
Product Categories/Family for anti-SERPINB4 antibody	Cancer; Cell Biology; Immunology; Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28076869
NCBI GeneID	6318
NCBI Accession #	NP_002965.1
NCBI GenBank Nucleotide #	NM_002974.3
UniProt Accession #	P48594; A8K847
Molecular Weight	44854
NCBI Official Full Name	serpin B4 isoform 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 4
NCBI Official Symbol	SERPINB4
NCBI Official Synonym Symbols	PI11; SCCA1; SCCA2; LEUPIN; SCCA-2
NCBI Protein Information	serpin B4
UniProt Protein Name	Serpin B4
UniProt Gene Name	SERPINB4
UniProt Synonym Gene Names	PI11; SCCA2; PI-11; SCCA-2
UniProt Entry Name	SPB4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/spb4-antibody-flow-cytometry-western-blot-elisa/284169>