

Rabbit anti-Human SERPINB4 Monoclonal Antibody | anti-SERPINB4 antibody

Recombinant Anti-SERPINB4 Antibody, Rabbit Monoclonal

CATALOG # AAA255621	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

SERPINB4; Monoclonal Antibody; Recombinant Anti-SERPINB4 Antibody; Rabbit Monoclonal; SerpinB4/SCCA2 Antibody; Rabbit MAb; serpin peptidase inhibitor; clade B (ovalbumin); member 4; Anti-LEUPIN Antibody; Anti-PI11 Antibody; Anti-SCCA-2 Antibody; Anti-SCCA1 Antibody; Anti-SCCA2 Antibody; Anti-Serpin B4 Antibody; anti-SERPINB4 antibody

PRODUCT SPECIFICATIONS

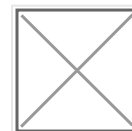
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	001
Specificity	Human SerpinB4/SCCA2
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SERPINB4 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human SerpinB4/SCCA2 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human SerpinB4/SCCA2 (rh SerpinB4/SCCA2).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SERPINB4 in human esophageal carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human SERPINB4 in human skin with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB4 antibody	Overexpression of SERPINB4 in tumor cells inhibited recombinant GrM-induced as well as NK cell-mediated cell death and this inhibition depended on the reactive center loop of the serpin.
References	de Koning PJ, et al. (2011) Intracellular Serine Protease Inhibitor SERPINB4 Inhibits Granzyme M-Induced Cell Death. PLoS One. 6(8): e22645.Chechlinska M, et al. (2010) Squamous cell carcinoma antigen 1 and 2 expression in cultured normal peripheral blood mononuclear cells and in vulvar squamous cell carcinoma. Tumour Biol. 31(6): 559-67.Shiiba M, et al. (2010) Down-regulated expression of SERPIN genes located on chromosome 18q21 in oral squamous cell carcinomas. Oncol Rep. 24(1): 241-9. en, Der p 1. J Biol Chem. 279(7): 5081-7.Murakami A, et al. (2008) Relationship between decreased expression of squamous cell carcinoma antigen 2 and E-cadherin in primary cervical cancer lesions and lymph node metastasis. Oncol Rep. 19(1): 99-104.Silverman GA, et al. (1998) SCCA1 and SCCA2 are proteinase inhibitors that map to the serpin cluster at 18q21.3. Tumour Biol. 19(6): 480-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28076869
NCBI GeneID	6318
NCBI Accession #	NP_002965.1
NCBI GenBank Nucleotide #	NM_002974.2
UniProt Accession #	P48594
Molecular Weight	44,854 Da
NCBI Official Full Name	serpin B4
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; PI-11; peptidase inhibitor 11; SCCA2/SCCA1 fusion protein; squamous cell carcinoma antigen 1; squamous cell carcinoma antigen 2; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4
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.