

Basic Information

Product Name	Anti-Elafin/Skalp/PI3 Antibody (Clone#C7)	
Gene Name	PI3	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human	
Tested Application	IHC, ELISA(Cap)	
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.	
Immunogen	E. coli-derived human Elafin/Skalp recombinant protein (Position: A61-Q117).	
Concentration	500 ug/ml	
Purification	protein G purified.	
Dilution Ratios	Immunohistochemistry (IHC):	1:50-400
	ELISA(Cap):	1:50-1:200
	(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Elafin, also known as peptidase inhibitor 3 or skin-derived antileukoprotease (SKALP), is a protein that in humans is encoded by the PI3 gene. This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram-positive and Gram-negative bacteria, and fungal pathogens. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. And this gene belongs to the centromeric cluster. Expression of this gene is upregulated by bacterial lipopolysaccharides and cytokines.

Reference

Product datasheet

Anti-Elafin/Skalp/PI3 Antibody (Clone#C7)

Catalog Number: **M00364**

BOSTER[®]

antibody and ELISA experts

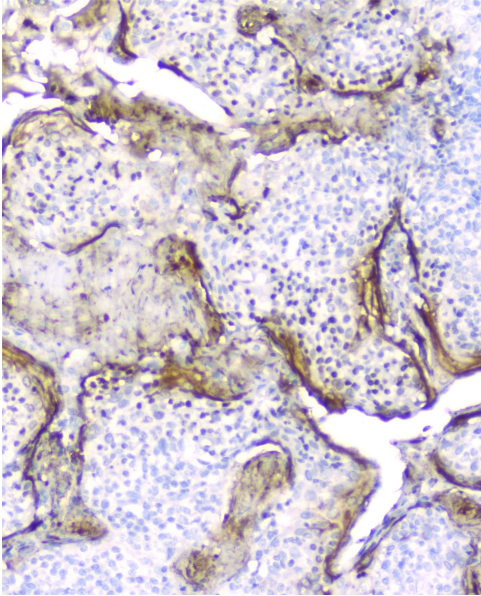
BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com

Anti-Elafin/Skalp/PI3 Antibody (Clone#C7)被引用在1文献中。

Selected Validation Data



IHC analysis of Elafin/Skalp/PI3 using anti-Elafin/Skalp/PI3 antibody (M00364).

Elafin/Skalp/PI3 was detected in a paraffin-embedded section of human tonsil tissue. Biotinylated goat anti-mouse IgG was used as secondary antibody. The tissue section was incubated with mouse anti-Elafin/Skalp/PI3 Antibody (M00364) at a dilution of 1:200 and developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB (Catalog # AR1027) as the chromogen.