

## Product datasheet

# Anti-Stabilin 2 antibody ab121893

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### Overview

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<b>Product name</b>	Anti-Stabilin 2 antibody
<b>Description</b>	Rabbit polyclonal to Stabilin 2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence, corresponding to amino acids 1203-1334 of Human Stabilin 2. (Q8WWQ8)
<b>Positive control</b>	Human spleen tissue; U 251 MG cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab121893 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

### Function

Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Hyaluronan receptor that binds to and mediates endocytosis of hyaluronic acid (HA). Acts also, in different species, as a primary systemic scavenger receptor for heparin (Hep), chondroitin sulfate (CS), dermatan sulfate (DS), nonglycosaminoglycan (GAG), acetylated low-density lipoprotein (AcLDL), pro-collagen propeptides and advanced glycation end products (AGE). May serve to maintain tissue integrity by supporting extracellular matrix turnover or it may contribute to maintaining fluidity of bodily liquids by resorption of hyaluronan. Counter receptor which plays an important role in lymphocyte recruitment in the hepatic vasculature. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. The proteolytically processed 190 kDa form also functions as an endocytosis receptor for heparin internalisation as well as HA and CS.

### Tissue specificity

Highly expressed in sinusoidal endothelial cells of liver, spleen and lymph nodes. Also expressed in non SEC-cells such as HMDMs (monocyte-derived macrophages), HAMs (T-cell leukemia virus type 1-associated myelopathy), and several macrophage cell line.

### Sequence similarities

Contains 17 EGF-like domains.  
 Contains 7 FAS1 domains.  
 Contains 2 laminin EGF-like domains.  
 Contains 1 Link domain.

### Domain

Recognizes phosphatidyl serine via its epidermal growth factor-like domains.

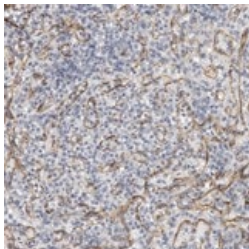
### Post-translational modifications

Glycosylated.  
 Proteolytically processed to yield a 190 kDa protein.

### Cellular localization

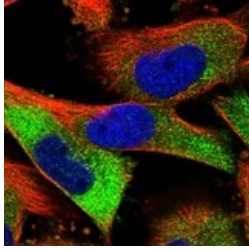
Cell membrane. Cytoplasm. Only a small amount appears to be present at the cell surface.

## Images



ab121893 at 1/200 dilution staining Stabilin 2 in Paraffin-embedded Human Spleen tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Stabilin 2 antibody (ab121893)



Immunocytochemistry/ Immunofluorescence - Anti-Stabilin 2 antibody (ab121893)

**ab128931** at 4 µg/ml staining Stabilin 2 in PFA/Triton X-100 fixed/permeabilized U 251 MG cells by Immunofluorescence (green).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
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