

Product datasheet

Anti-RNase 7 antibody [CL0224] ab154143

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Overview

Product name	Anti-RNase 7 antibody [CL0224]
Description	Mouse monoclonal [CL0224] to RNase 7
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human RNase 7 aa 31-155. Sequence: KGMTSSQWFKIQHMQPSPQACNSAMKNINKHTKRCKDLN TFLHEPFSSVA ATCQTPKIACKNGDKNCHQSHGPVSLTMCKLTSGKYPNC RYKEKRQNKSYVVACKPPQKKDSQQFHLVPVHLDRV Run BLAST with Run BLAST with
Positive control	Human skin, kidney and fallopian tube tissues; RNase 7 over-expression HEK293T lysate.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	CL0224

Isotype

IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154143 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		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Exhibits a potent RNase activity. Has broad-spectrum antimicrobial activity against many pathogenic microorganisms and remarkably potent activity (lethal dose of 90% < 30 nM) against a vancomycin resistant *Enterococcus faecium*.

Tissue specificity

Expressed in various epithelial tissues including skin, respiratory tract, genito-urinary tract and, at a low level, in the gut. Expressed in liver, kidney, skeletal muscle and heart.

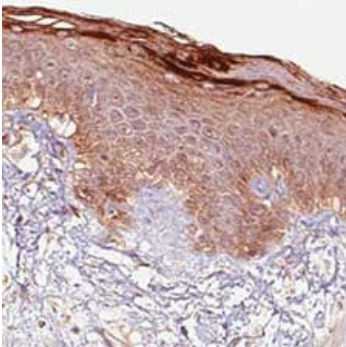
Sequence similarities

Belongs to the pancreatic ribonuclease family.

Cellular localization

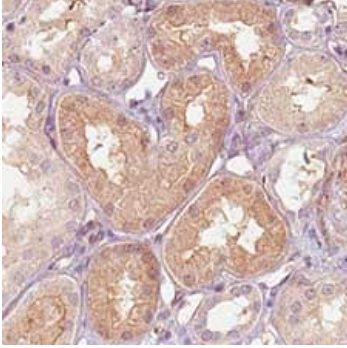
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Images



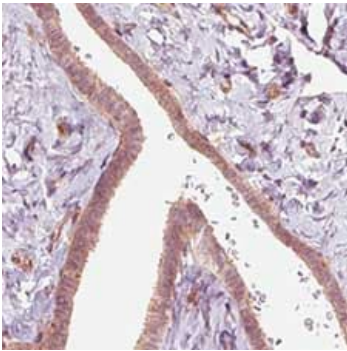
Immunohistochemical analysis of Human skin tissue labeling RNase 7 with ab154143 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNase 7 antibody [CL0224] (ab154143)



Immunohistochemical analysis of Human kidney tissue labeling RNase 7 with ab154143 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNase 7 antibody [CL0224] (ab154143)



Immunohistochemical analysis of Human fallopian tube tissue labeling RNase 7 with ab154143 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNase 7 antibody [CL0224] (ab154143)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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