

Anti-RNase 7 antibody [3C2] ab189222

2 Images

Overview

Product name	Anti-RNase 7 antibody [3C2]
Description	Mouse monoclonal [3C2] to RNase 7
Host species	Mouse
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human RNase 7 aa 29-156. (Purified from cell culture supernatant). Database link: Q9H1E1
Positive control	WB: Human RNase 7 expressed by CHOEBNALT85 cell line. IHC-P: Human skin tissue.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	3C2
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab189222 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		Use a concentration of 5 - 20 µg/ml.
WB		1/200 - 1/2000. Predicted molecular weight: 17 kDa. 1/500 to 1/2000 under non-reducing conditions; 1/200 to 1/1000 under reducing conditions.

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.

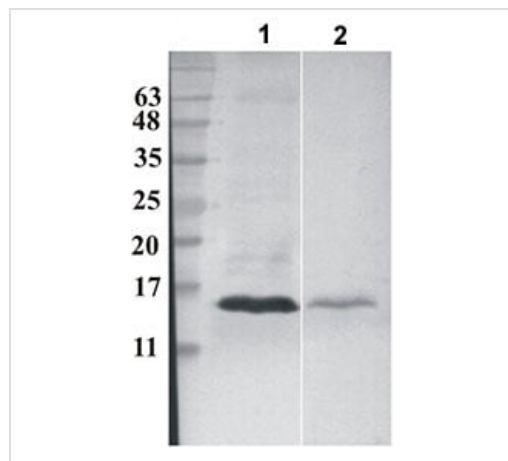
Sequence similarities

Belongs to the pancreatic ribonuclease family.

Cellular localization

Secreted.

Images



Western blot - Anti-RNase 7 antibody [3C2]
(ab189222)

Lane 1 : Anti-RNase 7 antibody [3C2] (ab189222) at 1/500 dilution

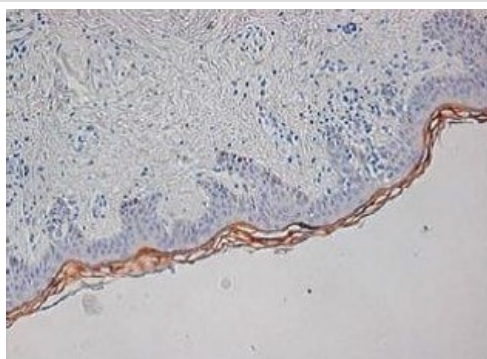
Lane 2 : Anti-RNase 7 antibody [3C2] (ab189222) at 1/200 dilution

All lanes : Human RNase 7 expressed by CHOEBNALT85 cell line
(cell culture supernatant)

Lysates/proteins at 10 µl per lane.

Predicted band size: 17 kDa

Lane 1: Non-reduced conditions; Lane 2: Reduced conditions



Immunohistochemical analysis of paraffin-embedded human skin tissue labeling RNase 7 antibody with ab189222. Biotinylated anti-mouse antibody was used as secondary antibody. Streptavidin-HRP conjugate was used for visualization

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNase 7 antibody [3C2] (ab189222)

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

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