

AM33434PU-N**Monoclonal Antibody to RNASE7 - Aff - Purified****Alternate names:**

RNase 7, Ribonuclease 7, SAP-2, Skin-derived antimicrobial protein 2

Quantity:

0.1 mg

Concentration:

1.0 mg/ml

Background:

RNase 7 exhibit potent ribonuclease activity and thus may contribute to the well-known ribonuclease activity of human skin. RNase 7 revealed broad spectrum antimicrobial activity against many pathogenic microorganisms and remarkably potent activity (lethal dose of 90% < 30 nm) against a vancomycin-resistant *Enterococcus faecium* (Harder and Schröder, 2002).

Uniprot ID:[Q9H1E1](#)**NCBI:**[3981](#)**GeneID:**[84659](#)**Host / Isotype:**

Mouse / IgG1

Clone:

3C2

Immunogen:

Recombinant Human RNase 7 protein produced by CHO-based.
Protein was purified from the cell culture supernatant.

Format:

State: Liquid purified IgG fraction
Purification: Affinity Chromatography on Protein G
Buffer System: PBS pH 7.4
Preservatives: 0.09% Sodium Azide

Applications:

ELISA: 1/2000-1/10000.
Western Blot: 1/500-1/2000 under non-reducing conditions and 1/200-1/1000 under reducing conditions.
Immunohistochemistry on Paraffin Sections.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

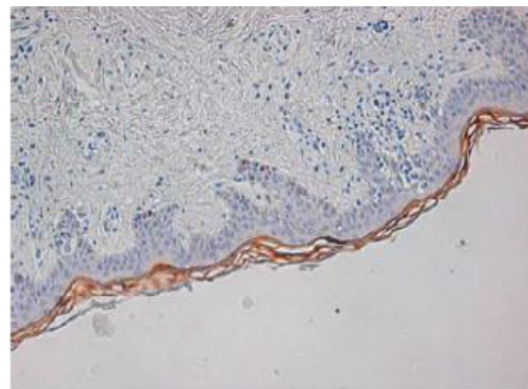
Recognizes Human Ribonuclease 7. Other species not tested.

Storage:

Upon receipt, store (in aliquots) at -20°C to -80°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:

Immunohistochemistry analysis of of RNase 7 antibody 3C2. Analysis was performed using paraffin-embedded human skin tissue sample. Anti-RNase 7 antibody 3C2 was used as primary antibody. Biotinylated anti-mouse antibody was used as secondary antibody. Streptavidin-HRP conjugate was used for visualization.



Western Blot analysis of RNase 7 antibody 3C2. Human RNase 7 was expressed by CHOEBNALT85 cell line. 10 µl of cell culture supernatant was loaded per line. Line 1: Prestained Protein Ladder, Naxo 8003; Line 2: non-reduced conditions; Line 3: Reduced conditions

