

## Product datasheet for **AM33436PU-N**

### Ribonuclease 7 (RNASE7) Mouse Monoclonal Antibody [Clone ID: 4F9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	4F9
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/2000-1/10000. <b>Western Blot:</b> 1/500-1/2000 (Only in non-reduced conditions). <b>Immunohistochemistry on Paraffin Sections:</b> 1/500-1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human RNase 7 protein produced by CHO-based. Protein was purified from the cell culture supernatant.
Specificity:	Recognizes Human Ribonuclease 7. Other species not tested.
Formulation:	PBS pH 7.4 State: Aff - Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ribonuclease A family member 7
Database Link:	<a href="#">Entrez Gene 84659 Human Q9H1E1</a>



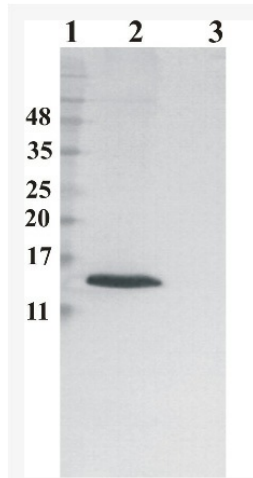
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**Background:**

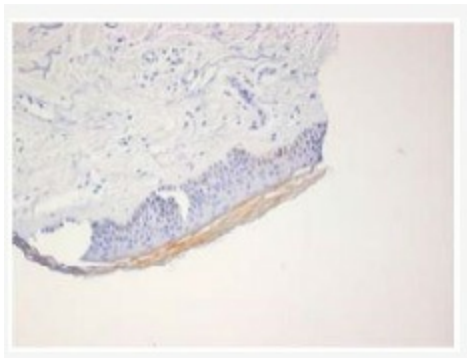
RNase 7 exhibit potent ribonuclease activity and thus may contribute to the well-known ribonuclease activity of human skin. RNase 7 revealed broad spectrum antimicrobial activity against many pathogenic microorganisms and remarkably potent activity (lethal dose of 90% < 30 nm) against a vancomycin-resistant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

**Synonyms:**

Ribonuclease 7, RNase 7, SAP-2

**Product images:**


Western Blot analysis of RNase 7 antibody 4F9. Human RNase 7 was expressed by CHOEBNALT85 cell line. 10  $\mu$ l of cell culture supernatant was loaded per line. Line 1: Prestained Protein Ladder, Naxo 8003; Line 2: non-reduced conditions; Line 3: Reduced conditions.



Immunohistochemistry analysis of RNase 7 antibody 4F9. Analysis was performed using paraffin-embedded human skin tissue sample. Anti-RNase 7 antibody 4F9 1/500 was used as primary antibody. Biotinylated anti-mouse antibody was used as secondary antibody. Streptavidin-HRP conjugate was used for visualization.