

Product datasheet for **AM33439PU-N**

DNASE1 Mouse Monoclonal Antibody [Clone ID: 4B10]

Product data:

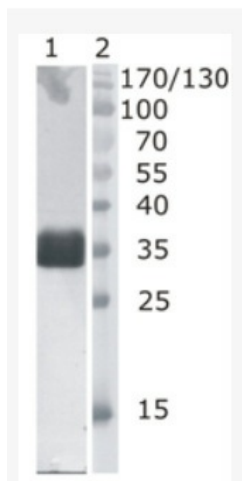
Product Type:	Primary Antibodies
Clone Name:	4B10
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot: 1/5000-1/10000 for detection of Bovine DNase I, 1/1000 for Human DNase I.
Reactivity:	Bovine, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant full length Bovine DNaseI produced using CHO-based. Antigen is purified from cell culture supernatant.
Specificity:	Recognizes Bovine DNase I. Cross reactivity to Human.
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.
Database Link:	Entrez Gene 282217 Bovine P00639
Background:	Bovine deoxyribonuclease I (DNase I) degrades single- and double-stranded DNA. The enzyme works by cleaving DNA into 5' phosphodinucleotide and small oligonucleotide fragments.



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Synonyms: DNASE1, DNL1, DRNI, Deoxyribonuclease I, DNase I

Product images:



Western Blot testing of anti-Bovine DNaseI monoclonal antibody (4B10). Line 1: PageRuler Prestained Protein Ladder ([SM0671] Fermentas); Line 2: Recombinant bovine DNaseI expressed into the supernatant of CHO cell culture medium. 10 μ l of cell culture supernatant was loaded into the gel.