

Mouse mAb to bovine DNase I (clone 4B10)

Catalogue #	404-100
Immunogen:	Bovine DNase I
Immunogen Description:	Recombinant full length bovine DNaseI produced using CHO-based Icosagen Cell factory Ltd. proprietary suspension cell line. Antigen is purified from cell culture supernatant
Alternative Names:	DNL1
Uniprot ID:	P00639
Clonality:	Mouse monoclonal
Clone:	4B10
Class:	mIgG1
Reactivity:	Bovine, cross reactivity to Human
Application:	ELISA, WB
Protocol:	Antibody working titer has to be established practically for each particular antigen and assay format
ELISA:	0,01-0,02 µg/ml
IF:	-
Purification:	Protein G purification
Buffer:	PBS pH 7.4, with 0.1% sodium azide
Shipping:	This product is shipped in non-frozen liquid form in ambient conditions
Storage:	Store at -20... -70 °C upon receipt. Divide antibody into aliquots prior usage. Avoid multiple freeze-thaw cycles as product degradation may result
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

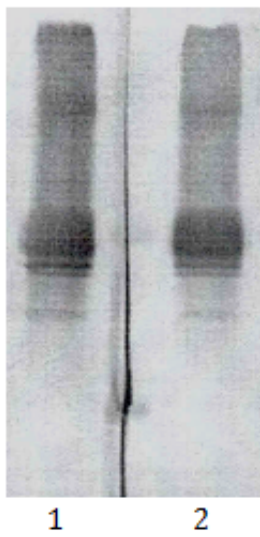


Figure 1. Western Blot testing of anti-bovine DNaseI monoclonal antibody (4B10). **Lane 1.** Recombinant bovine DNaseI expressed into the supernatant of CHO cell culture medium. 10 μ l of cell culture supernatant was loaded into the gel. **Lane 2.** PageRuler Prestained Protein Ladder (#SM0671 Fermentas)