

Mouse mAb to bovine DNase I (clone 6D5)

Catalogue #	405-100
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:	6D5
Class:	mIgG1
Reactivity:	Bovine, cross reactivity to Human
Application:	ELISA, WB, IF
Protocol:	Monoclonal antibody working titer has to be established practically for each particular antigen and assay format.
ELISA:	0,01-0,02 µg/ml
IF:	0,33-20 µg/ml
Purification:	Protein G purification
Buffer:	PBS, pH 7.4
Shipping:	Shipping in non-frozen liquid form
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.

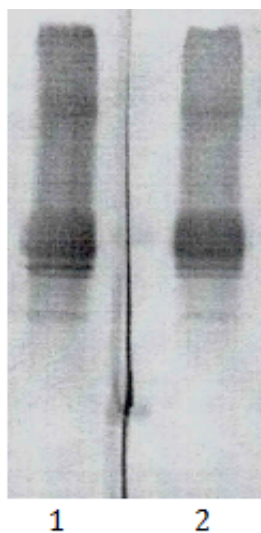


Figure 1. Western Blot testing of anti-bovine DNaseI monoclonal antibody (6D5). Lane 1. Recombinant bovine DNaseI expressed into the supernatant of CHO cell culture medium. 10 μ l of supernatant was loaded. Lane 2. PageRuler Prestained Protein Ladder (#SM0671 Fermentas)