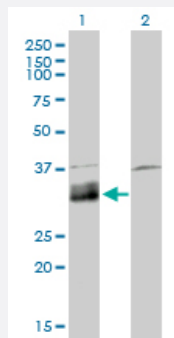


DNASE1L1 monoclonal antibody (M02), clone 4E8

Catalog # H00001774-M02

Size 100 ug

Applications

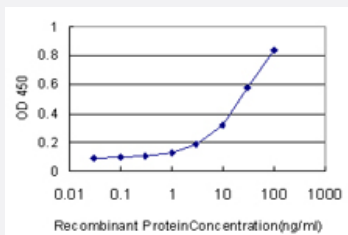


Western Blot (Transfected lysate)

Western Blot analysis of DNASE1L1 expression in transfected 293T cell line by DNASE1L1 monoclonal antibody (M02), clone 4E8.

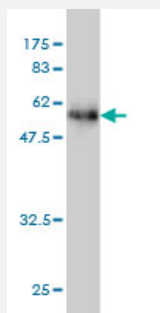
Lane 1: DNASE1L1 transfected lysate(33.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNASE1L1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (57.09 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant DNASE1L1.

Immunogen	DNASE1L1 (AAH01561, 18 a.a. ~ 302 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AFRICAFNAQRLTLAKVAREQVMDTLVRILARCDIMVLQEVDSSGSAIPLLLRELNRFDGSGPYST LSSPQLGRSTYMETYVYFYRSHKTQVLSSYVYNEDDDVFAREPFVAQFSLPSNVLP SLVLVPLHT TPKAVEKELNALYDVFLEVSQHWQSKDVILLGDFNADCASLTKKRLDKLELRTEPGFHWVIADGE DTTVRASTHCTYDRVVLHGRCRSLHTAAAFDFPTSFQLTEEEALNISDHYPVEVELKLSQAHSV QPLSLTVLLLLSLLSPQLCPAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (72)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.09 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DNASE1L1 expression in transfected 293T cell line by DNASE1L1 monoclonal antibody (M02), clone 4E8.

Lane 1: DNASE1L1 transfected lysate(33.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNASE1L1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DNASE1L1

Entrez GeneID	1774
GeneBank Accession#	BC001561
Protein Accession#	AAH01561
Gene Name	DNASE1L1
Gene Alias	DNAS1L1, DNASEX, DNL1L, XIB
Gene Description	deoxyribonuclease I-like 1
Omim ID	300081
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the deoxyribonuclease family and the protein shows high sequence similarity to lysosomal DNase I. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq]
Other Designations	DNase I, lysosomal-like DNase I-like, muscle-specific DNase X OTTHUMP00000031940 OTTHUMP00000031941 OTTHUMP00000031943 OTTHUMP00000032113

Publication Reference

- [Ubiquitous membrane-bound DNase activity in podosomes and invadopodia.](#)

Kaushik Pal, Yuanchang Zhao, Yongliang Wang, Xuefeng Wang.

The Journal of Cell Biology 2021 Jul; 220(7):e202008079.

Application: IF, Human, THP-1 cells

- [Optical sensor revealed abnormal nuclease spatial activity on cancer cell membrane.](#)

Wang Y, Zhao Y, Sarkar A, Wang X.

Journal of Biophotonics 2018 Nov; e201800351.

Application: IF, Human, MDA-MB-231 cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)