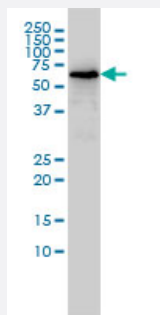


TOE1 monoclonal antibody (M01), clone 1D8

Catalog # H00114034-M01

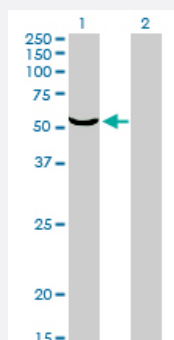
Size 100 ug

Applications



Western Blot (Cell lysate)

TOE1 monoclonal antibody (M01), clone 1D8 Western Blot analysis of TOE1 expression in Jurkat (Cat # L017V1).

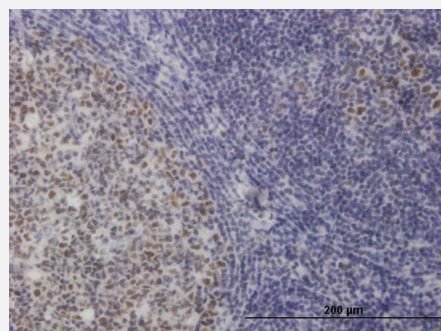


Western Blot (Transfected lysate)

Western Blot analysis of TOE1 expression in transfected 293T cell line by TOE1 monoclonal antibody (M01), clone 1D8.

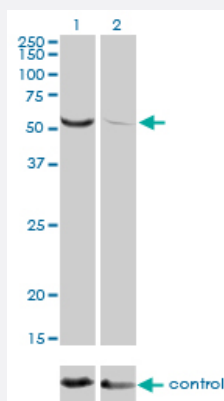
Lane 1: TOE1 transfected lysate(56.5 KDa).

Lane 2: Non-transfected lysate.



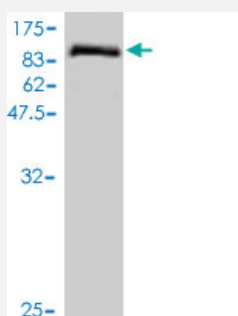
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TOE1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 0.3 ug/ml]



RNAi Knockdown (Antibody validated)

Western blot analysis of TOE1 over-expressed 293 cell line, cotransfected with TOE1 Validated Chimera RNAi (Cat # H00114034-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TOE1 monoclonal antibody (M01), clone 1D8 (Cat # H00114034-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (81.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TOE1.
Immunogen	TOE1 (AAH09364, 1 a.a. ~ 510 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAADSDDGAVSAPAASDGGVSKSTTSGEELVVQVPVVDVQSNNFKEMWPSLLLAIKTANFVAV DTELSGLGDRKSLLNQCIERYKAVCHAARTSILSLGLACFKRQPDKGEHSYLAQVFNLTLTCME EYVIEPKSVQFLIQHGFNFNQYQAQGIPIYHKGNKGDESQSQSVRTLFLLEIRARRPLVLHNGLIDL VFLYQNFYAHLPESLGTFTADLCMFAGMDTKYAAEFHARFVASYLEYAFRK CERENGKQRAA GSPHLTLEFCNYPSSMRDHIDYRCCLPPATHRPHPTSICDNFSAYGWCPLGPQCPQSHDIDLIDT DEAAAEDKRRRRRRREKRKRALLNLPQTSGEAKDGPPKKQVCGDSIKPEETE QEVAADETR NLPHSKQGNKNDLEMGIKAARPEIADRATSEVPGSQASPNPVPDGLHRAGFDAFMTGYVMAYV EVSQGPQPCSSGPWLPECHNKVYLSGKAVPLTVAKSQFSRSSKAHNQKMKLTWGSS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (85)
Isotype	IgG1 kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (81.84 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 (Cell lysate)

TOE1 monoclonal antibody (M01), clone 1D8 Western Blot analysis of TOE1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TOE1 expression in transfected 293T cell line by TOE1 monoclonal antibody (M01), clone 1D8.

Lane 1: TOE1 transfected lysate(56.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TOE1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 0.3 ug/ml]

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TOE1 over-expressed 293 cell line, cotransfected with TOE1 Validated Chimera RNAi (Cat # H00114034-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TOE1 monoclonal antibody (M01), clone 1D8 (Cat # H00114034-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — TOE1

Entrez GeneID	114034
GeneBank Accession#	BC009364
Protein Accession#	AAH09364
Gene Name	TOE1
Gene Alias	FLJ13949
Gene Description	target of EGR1, member 1 (nuclear)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000009092

Publication Reference

- [TOE1 is an inhibitor of HIV-1 replication with cell-penetrating capability.](#)

Sperandio S, Barat C, Cabrita MA, Gargaun A, Berezovski MV, Tremblay MJ, de Belle I.

Proceedings of the National Academy of Sciences of the United States of America 2015 Jun; 112(26):E3392.

Application: WB, Human, T cells

- [TOE1 interacts with p53 to modulate its transactivation potential.](#)

Sperandio S, Tardito S, Surzycki A, Latterich M, de Belle I.

FEBS Letters 2009 Jul; 583(13):2165.

Application: WB-Tr, WB-Re, Human, HEK 293 cells, Recombinant protein