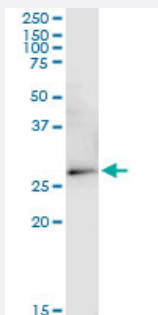


VDAC2 monoclonal antibody (M01), clone 3D2

Catalog # H00007417-M01

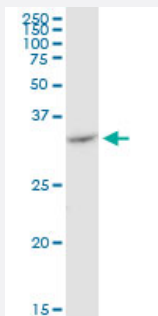
Size 100 ug

Applications



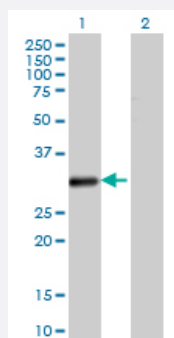
Western Blot (Tissue lysate)

VDAC2 monoclonal antibody (M01), clone 3D2. Western Blot analysis of VDAC2 expression in rat brain.



Western Blot (Cell lysate)

VDAC2 monoclonal antibody (M01), clone 3D2. Western Blot analysis of VDAC2 expression in K-562.

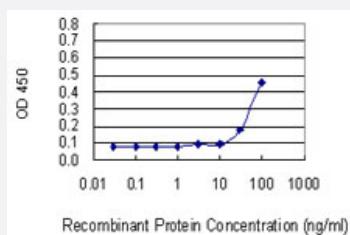


Western Blot (Transfected lysate)

Western Blot analysis of VDAC2 expression in transfected 293T cell line by VDAC2 monoclonal antibody (M01), clone 3D2.

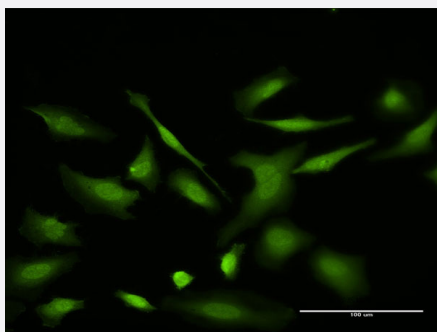
Lane 1: VDAC2 transfected lysate(31.6 KDa).

Lane 2: Non-transfected lysate.



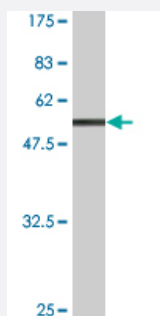
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VDAC2 is 10 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to VDAC2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (57.86 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant VDAC2.
Immunogen	VDAC2 (AAH00165, 1 a.a. ~ 294 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATHGQTCARPMCIPPSYADLGKAARDIFNKGFGFLVKLDVKTCSGVEFSTSGSSNTDTGKVTGTLETKYKWCEYGLTFTEKWNTDNTLGTEIAIEDQICQGLKLTFTTFSPNTGKKSGKIKSSYKREINLGCDVDFDFAGPAIHGSAVFGYEGWLAGYQMTFDSAQSKLTRNNFAVGYRTGDFQLHTNVNDGTEFGGSIYQKVCEDLDTSVNLAWTSGTNCTRFGIAAKYQLDPTASISAKVNNSSLIGVGYTQTLRPGVKLTLSALVDGKSINAGGHKVGLELEA
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.86 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 (Tissue lysate)

VDAC2 monoclonal antibody (M01), clone 3D2. Western Blot analysis of VDAC2 expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

VDAC2 monoclonal antibody (M01), clone 3D2. Western Blot analysis of VDAC2 expression in K-562.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of VDAC2 expression in transfected 293T cell line by VDAC2 monoclonal antibody (M01), clone 3D2.

Lane 1: VDAC2 transfected lysate(31.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VDAC2 is 10 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to VDAC2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — VDAC2

Entrez GeneID [7417](#)

GeneBank Accession# [BC000165](#)

Protein Accession# [AAH00165](#)

Gene Name	VDAC2
Gene Alias	FLJ23841
Gene Description	voltage-dependent anion channel 2
Omim ID	193245
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000019876

Pathway

- [Calcium signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)