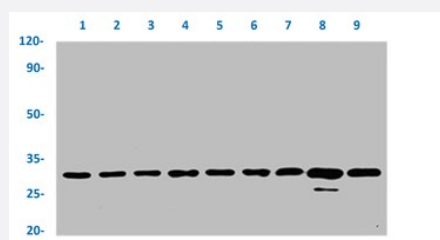


RecomAb™

VDAC1 recombinant monoclonal antibody, clone 3A1

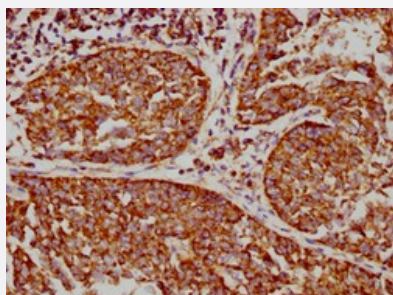
Catalog # RAB04348 Size 100 uL

Applications



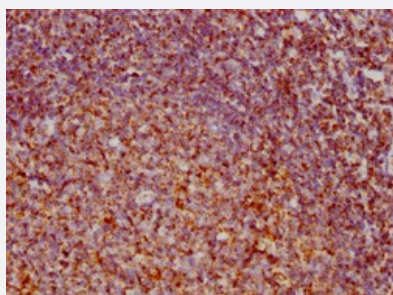
Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: HepG2 whole cell lysate, Lane 3: 293 whole cell lysate, Lane 4: Jurkat whole cell lysate, Lane 5: HL-60 whole cell lysate, Lane 6: L02 whole cell lysate, Lane 7: Raji whole cell lysate, Lane 8: rat heart tissue and Lane 9: mouse brain tissue with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348).



Immunohistochemistry

Immunohistochemical staining of human cervical cancer with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348) (diluted at 1:73.125)



Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348) (diluted at 1:73.125).

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human VDAC1.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human VDAC1.
Theoretical MW (kDa)	Calculated MW: 31 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: HepG2 whole cell lysate, Lane 3: 293 whole cell lysate, Lane 4: Jurkat whole cell lysate, Lane 5: HL-60 whole cell lysate, Lane 6: L02 whole cell lysate, Lane 7: Raji whole cell lysate, Lane 8: rat heart tissue and Lane 9: mouse brain tissue with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348).

- Immunohistochemistry

Immunohistochemical staining of human cervical cancer with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348) (diluted at 1:73.125)

- Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with VDAC1 recombinant monoclonal antibody, clone 3A1 (Cat # RAB04348) (diluted at 1:73.125).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — VDAC1

Entrez GeneID	7416
Protein Accession#	P21796
Gene Name	VDAC1
Gene Alias	MGC111064, PORIN, PORIN-31-HL
Gene Description	voltage-dependent anion channel 1
Omim ID	604492
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000165946 OTTHUMP00000165947

Pathway

- [Calcium signaling pathway](#)

Disease

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