

## Product Datasheet

### VDAC1 antibody (orb150795)

**Description**

Mouse monoclonal to VDAC1 (Biotin). Voltage-

(also known ...

**Species/Host**

Mouse

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Biotin

**Tested**

ICC, IHC, WB

**Applications**
**Immunogen**

Fusion protein amino acids 1-283 (full-length) of human VDAC1. Mouse: 98% identity (279/283 amino acids identical). Rat: 98% identity (279/283 amino acids identical) > 60% identity with VDAC2 and VDAC3.

**Target**

VDAC1

**Preservatives**

PBS pH 7.4, 50% glycerol, 0.1% sodium azide  
\*Storage buffer may change when conjugated

**Concentration**

1 mg/ml

**Storage**

Conjugated antibodies should be stored at 4°C

**Note**

For research use only

**Application notes**

1 µg/ml of SMC-456 was sufficient for detection of VDAC1 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

**Isotype**

IgG2a

**Clonality**

Monoclonal

**MW**

30kDa

**Uniprot ID**

[P21796](#)

**NCBI**

[NP\\_003365.1](#)

**Entrez**

[7416](#)

**Dilution Range**

WB (1:1000)

**Expiration Date**

12 months from date of receipt.