

## Anti-VDAC1 antibody [ARC0187] (STJ11101777)

STJ11101777

### GENERAL INFORMATION

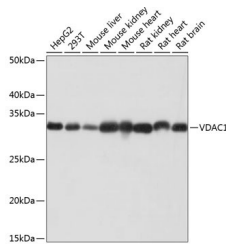
|                          |                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                      |
| <b>Short Description</b> | Rabbit monoclonal antibody anti-VDAC1 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence. |
| <b>Applications</b>      | WB, IHC, IF                                                                                                             |
| <b>Host/Source</b>       | Rabbit                                                                                                                  |
| <b>Reactivity</b>        | Human, Mouse, Rat                                                                                                       |

### PRODUCT PROPERTIES

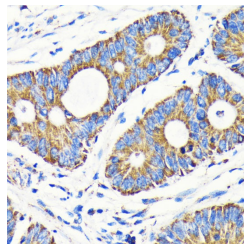
|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                         |
| <b>Clone ID</b>            | ARC0187                                                            |
| <b>Concentration</b>       |                                                                    |
| <b>Conjugation</b>         | Unconjugated                                                       |
| <b>Purification</b>        | Affinity purification                                              |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IHC 1:50-1:200<br>IF 1:50-1:200                 |
| <b>Formulation</b>         | PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3. |
| <b>Isotype</b>             | IgG                                                                |
| <b>Storage Instruction</b> | Store in a freezer at -20°C and avoid freeze-thaw cycles.          |

### TARGET INFORMATION

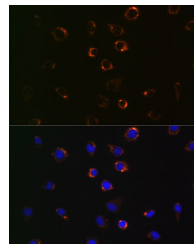
|                           |                                                 |
|---------------------------|-------------------------------------------------|
| <b>Gene ID</b>            | 7416                                            |
| <b>Gene Symbol</b>        | VDAC1                                           |
| <b>Uniprot ID</b>         | VDAC1_HUMAN                                     |
| <b>Immunogen</b>          | A synthesized peptide derived from human VDAC1. |
| <b>Immunogen Region</b>   |                                                 |
| <b>Specificity</b>        |                                                 |
| <b>Immunogen Sequence</b> |                                                 |



Western blot analysis of extracts of various cell lines, using VDAC1 antibody (STJ11101777) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using VDAC1 antibody (STJ11101777) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of L929 cells using VDAC1 antibody (STJ11101777). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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