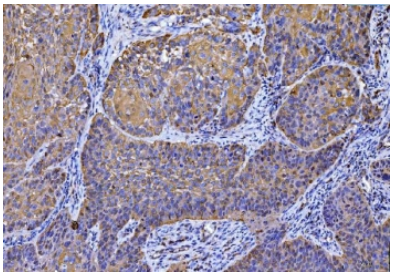
# MCART1/2 Antibody / SLC25A51/52 (RQ6906)

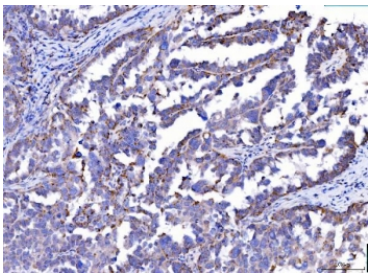
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ6906 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

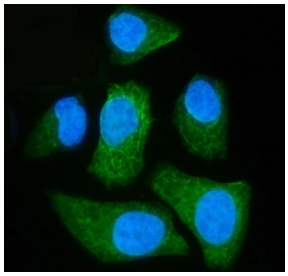
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q9H1U9, Q3SY17 |
| **Localization** | Cytoplasmic (mitochondria) |
| **Applications** | Western blot: 1-2ug/ml<br>Immunohistochemistry (FFPE): 2-5ug/ml<br>Immunofluorescence (FFPE): 5ug/ml<br>Flow cytometry: 1-3ug/million cells<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This MCART1/2 antibody is available for research use only. |



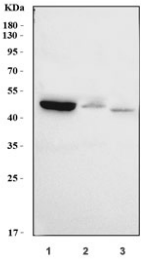
IHC staining of FFPE human laryngeal squamous cell carcinoma tissue with MCART1/2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



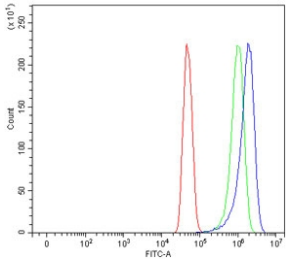
IHC staining of FFPE human serous adenocarcinoma of ovary tissue with MCART1/2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human HeLa cells with MCART1/2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.




Western blot testing of 1) human HeLa, 2) monkey COS-7 and 3) mouse NIH 3T3 cell lysate with MCART1/2 antibody. Predicted molecular weight ~34 kDa.




Flow cytometry testing of human U-251 cells with MCART1/2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MCART1/2 antibody.

## Description

SLC25A51 gene ontology annotations related to this gene include transmembrane transporter activity.

## Application Notes

Optimal dilution of the MCART1/2 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids M1-E291) was used as the immunogen for the MCART1/2 antibody.

## Storage

After reconstitution, the MCART1/2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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