

36-3024: Monoclonal Antibody to Renal Cell Carcinoma (Clone: 66.4.C2)

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| Clonality : | Monoclonal |
| Clone Name : | 66.4.C2 |
| Application : | FACS |
| Reactivity : | Human |
| Gene : | CA9 |
| Gene ID : | 768 |
| Uniprot ID : | Q16790 |
| Format : | Purified |
| Alternative Name : | CA9,G250,MN |
| Isotype : | Mouse IgG2b, kappa |
| Immunogen Information : | Fresh, normal human renal cortical tissue homogenate was used as immunogen to generate the RCC antibody. |

Description

Renal cell carcinoma (RCC) is a common form of kidney cancer. Firstly, renal cell carcinoma (RCC) may initially present as a metastatic lesion of an undetected primary tumor. Secondly, a late occurrence of renal cell carcinoma metastasis after nephrectomy can make it difficult to confirm renal origin. Thirdly, metastatic renal cell carcinoma has morphological similarities with various types of primary non-renal tumors thereby compounding typing challenges. In view of these issues, antibodies recognizing protein markers associated with a given cancer have become important tools for tumor classification

Product Info

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| Amount : | 100 µg |
| Purification : | Protein G Chromatography |
| Content : | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

"Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Western Blot (1-2ug/ml)

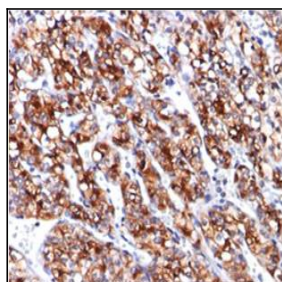


Fig: 1 Immunohistochemical analysis of RCC in human renal cell carcinoma using RCC antibody (Clone: 66.4.C2) at 1:150 dilution.