

36-1577: Monoclonal Antibody to UACA / Nucling (Nuclear Membrane Marker)(Clone : AE-5)

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| Clonality : | Monoclonal |
| Clone Name : | AE-5 |
| Application : | FACS,IF,WB |
| Reactivity : | Human, Mouse |
| Gene : | UACA |
| Gene ID : | 55075 |
| Uniprot ID : | Q9BZF9 |
| Format : | Purified |
| Alternative Name : | UACA,KIAA1561 |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | Nuclei of myeloid leukemia biopsy cells |

Description

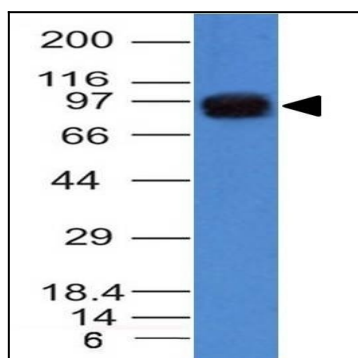
UACA (Uveal Autoantigen with Coiled-coil domains and Ankyrin repeats) is a 1,416 amino acid nuclear membrane protein. It was originally identified as an autoantigen in patients with panuveitis, a characteristic of Vogt-Koyanagi-Harada disease, and in patients with Graves' disease. UACA was also later identified as Nucling, an mRNA differentially expressed in F9 embryonal carcinoma cells during cardiac muscle differentiation. UACA appears to function as a pro-apoptotic protein that recruits the apaf-1-pro-caspase-9 complex for the induction of apoptosis to mediate the cell-death pathway.

Product Info

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 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);



Western Blot of A549 Cell Lysate using UACA / Nucling Monoclonal Antibody (AE-5)