

## Mouse anti Nuclear Membrane, clone AE-5 (Monoclonal)

Clone no. AE-5

MONOSAN

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Product name	Mouse anti Nuclear Membrane, clone AE-5 (Monoclonal)
Host	Mouse
Applications	FC, IHC, WB, IF
Species reactivity	human, mouse
Conjugate	-
Immunogen	nuclei of myeloid leukemia biopsy cells
Isotype	IgG1,kappa
Clonality	Monoclonal
Clone number	AE-5
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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, a mRNA differentially expressed in F9 embryonal carcinoma cells, and that is up-regulated 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.

**References**

1. Yamada, K., et al. Biochem. Biophys. Res. Commun. 280: 1169-1176 (2001)
2. -
3. -
4. -
5. -

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