Nucleolin monoclonal antibody (4E2)

Nucleolin (identical to human DNA helicase IV) is an abundant, non-ribosomal protein of the nucleolus involved in the organization of nuclear chromatin, rDNA transcription, packaging of pre-RNA, ribosome assembly, nucleocytoplasmic transport, cytokinesis, nucleogenesis, and apoptosis. A predominantly nuclear protein, the presence of nucleolin at the surface of cancer cells suggests that it could be valuable as a marker for the diagnosis of cancer.

This antibody is covered by our Worry-Free Guarantee.

Citations: 6 View Online »

Ordering Information

Order Online »

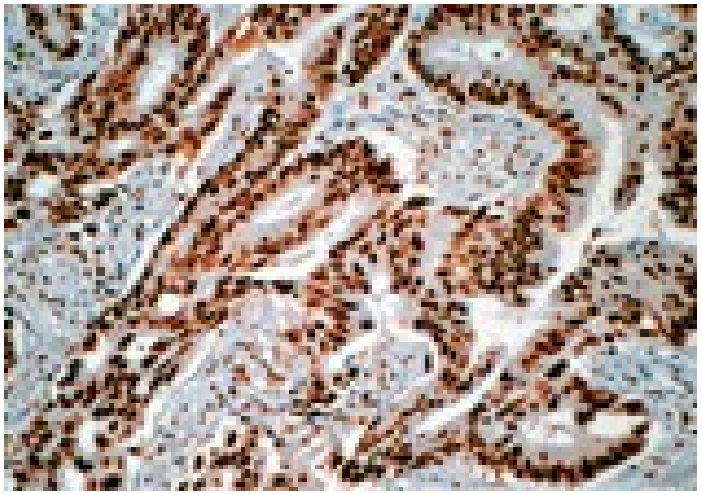
ADI-KAM-CP100-E	100µg

Manuals, SDS & CofA

View Online »



Western blot analysis of HL60 (1) and ZR-75-1 (2) cell extracts, probed with Nucleolin mAb (4E2).



Immunohistochemistry analysis of nuclear staining of colon cancer sections using Nucleolin mAb (4E2).

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Application	Flow Cytometry, ICC, IHC, WB
Application Notes	Detects a band of ~100kDa by Western blot.
Clone	4E2
Formulation	Liquid. In PBS containing 50% glycerol.
Host	Mouse
Immunogen	Human nucleolin from Raji cell extract.
Isotype	IgG1
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Flow Cytometry (5-10µg/ml final concentration)Immunocytochemistry (1-10µg/ml)Immunohistochemistry (1-10µg/ml)Western Blot (1µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
UniProt ID	P19338
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800 942 0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.