



MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis

Catalog No. CEC-042

Anti- DHX9/RNA helicaseA antibody

BACKGROUND

Dhx9/NDHII/RHA is a member of the DEAH family of proteins, which possess a double-stranded RNA-binding domain (dsRBD) and a helicase domain. The DEAH protein family plays a critical role in RNA metabolism. DEAH family members function as ATP-dependent RNA helicases and regulation of transcription.

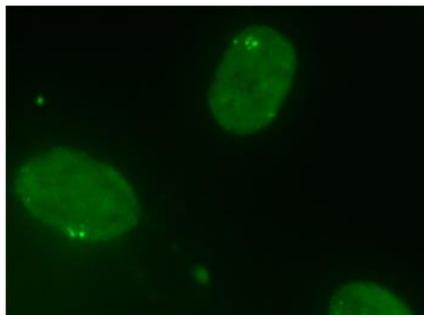
Product type	Primary antibody
Immunogen	Synthetic peptide corresponding to the N-terminal 36 aa (aa 1-36) of mouse DHX9, MGDIKNFLYAWCGKRKMTPAYEIRAVGNKNRQKPMC.
Host	Rat
Clone number	8E3
Isotype	IgG1, κ
Source	Culture supernatant
Purification	Ion-exchange chromatography
Form	Liquid
Presentation	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration	1 mg/mL
Volume	100 μ L
Label	Unlabeled
Specificity	DHX9/RNA helicase A
Cross reactivity	Human, Monkey, Mouse, Rat, Hamster, Bovine Other species have not been tested.
Storage	Store below -20°C (below -70°C for prolonged storage) Aliquot to avoid cycles of freeze/thaw.
Other	-

Application notes	Recommended use WB, ICC Not tested for other applications.
	Recommended dilutions Western blotting, 1/1000 to 1/5000 Immunocytochemistry, 1/100 to 1/500

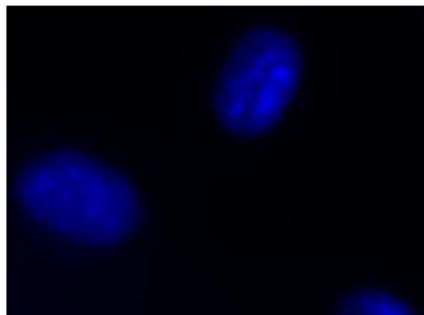
Optimal dilutions/concentrations should be determined by the end user.

References	1) Kotani et al., (2010) Hybridoma 3, 259-261. * This antibody is used in ref.1.
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ANTIBODY CHARACTERIZATION



Mab 8E3



Hoechst

Fig.1 Immunocytochemistry/ Immunofluorescence – DHX9/RNA helicase A antibody (8E3), L929 (mouse) cells

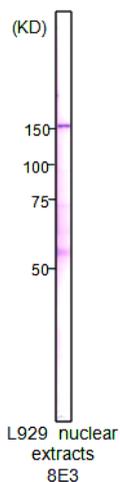


Fig.2 Western blot - DHX9/RNA helicase A antibody (8E3), L929 cell nuclear extracts

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