

# Anti-DHX9/RNA helicaseA antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
8E3	Hu, Mk, Ms, Rat, Hms, Bov	WB, ICC	Rat	IgG1, $\kappa$	-20°C

**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.

**Immunogen** Synthetic peptide corresponding to the N-terminal 36 aa (aa 1-36) of mouse DHX9, MGDIKNFLYAWCGKRKMTPAYEIRAVGNKNRQKFC

**Host** Rat

**Isotype** IgG1,  $\kappa$

**Cross reactivity** Human, Monkey, Mouse, Rat, Hamster, Bovine  
Other species have not been tested.

**Specificity** DHX9/RNA helicase A

**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  
Optional dilutions/concentrations should be determined by the end user.

**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  $\mu$ L

**Storage** Store below -20°C  
(below -70°C for prolonged storage)  
Aliquot to avoid cycles of freeze/thaw.

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

Data

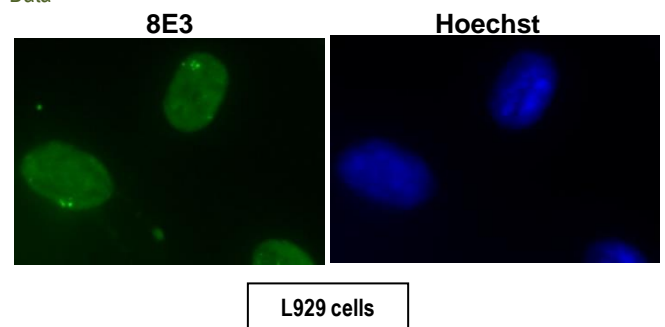


Fig.1 Immunocytochemistry/Immunofluorescence  
- DHX9/RNA helicaseA antibody (8E3)  
L929 cells



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