

## Anti-DDX1 Picoband™ Antibody (monoclonal, 11E5)

Clone no. 11E5

MONOSAN

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Product name	Anti-DDX1 Picoband™ Antibody (monoclonal, 11E5)
Host	Mouse
Applications	FC,IHC,WB
Species reactivity	Human,Mouse,Rat
Conjugate	-
Immunogen	E.coli-derived human DDX1 recombinant protein (Position: K562-F740).
Isotype	IgG2b
Clonality	Monoclonal
Clone number	11E5
Size	100µg
Concentration	Adding 0.2 ml of distilled water =f 500 µg/ml.
Format	Lyophilized
Storage buffer	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Store at -20 °C for one year from date of receipt. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for six months. Avoid repeated freeze-thaw cycles. Add 0.2ml of distilled water will yield a concentration of 500ug/ml. Background: ATP-dependent RNA helicase DDX1 is an enzyme that in humans is encoded by the DDX1 gene. It is mapped to 2p24.3. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin. Subcellular Localization: Tissue Specificity:

**References**

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4. -
5. -

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