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Datasheet for ABIN5542504
anti-DDX1 antibody (AA 642-740)

9 Images

Overview

Quantity:	0.1 mg
Target:	DDX1
Binding Specificity:	AA 642-740
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human DDX1 (AA: 642-740) expressed in E. coli.
Clone:	3E5B2
Isotype:	IgG1
Purification:	purified

Target Details

Target:	DDX1
Alternative Name:	DDX1 (DDX1 Products)
Background:	Description: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD),

Target Details

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.,

Aliases: DBP-RB, UKVH5d

Molecular Weight: 82.4 kDa

Gene ID: 1653

HGNC: 1653

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

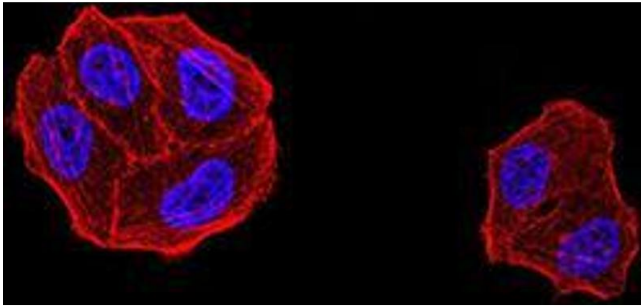
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

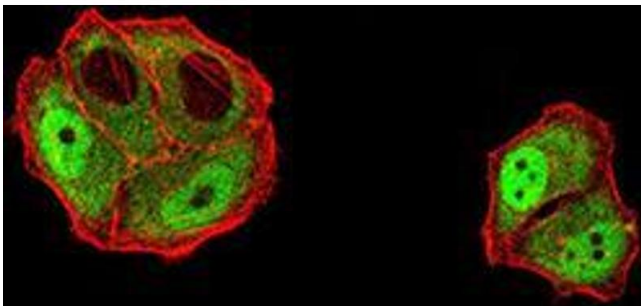
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



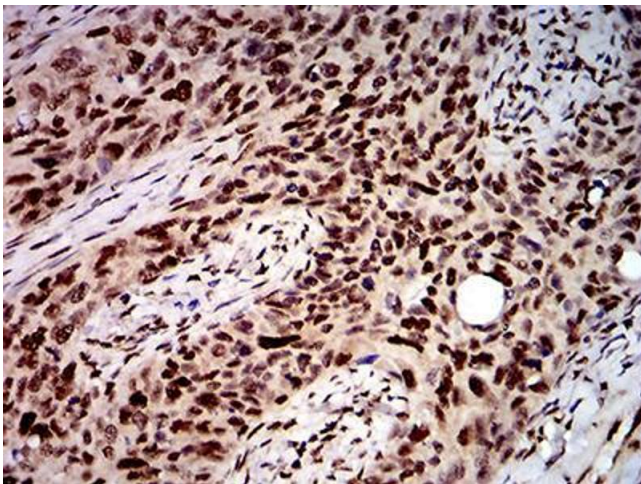
Immunocytochemistry

Image 1. Immunofluorescence analysis of HeLa cells using DDX1 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunocytochemistry

Image 2. Immunofluorescence analysis of HeLa cells using DDX1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using DDX1 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN5542504.