

Datasheet for ABIN2664927

anti-DDX5 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DDX5
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	14B9A58
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)
Background:	DDX5, also named RNA helicase p68, is a prototypic member of the DEAD (Asp-Glu-Ala-Asp) box family. DDX5 has been shown to be involved in the processes requiring the alteration of RNA structures, such as the maturation of pre-mRNA, rRNA, and miRNA. DDX5 also plays important helicase-independent roles in transcriptional regulation. DDX5 can act as a transcriptional coactivator of the androgen receptor (AR), estrogen receptor α (ERα), tumor

Target Details

suppressor p53, MyoD, RUNX2, and β -catenin, which are involved in the regulation of cell proliferation, differentiation, and tumorigenesis. DDX5 has been shown to be up-regulated in various cancers, including breast cancer, prostate cancer, and colorectal cancer, suggesting that DDX5 may participate in tumor development. DDX5 can also act as a transcriptional repressor through interacting with HDAC1.

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#), [Regulation of Muscle Cell Differentiation](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

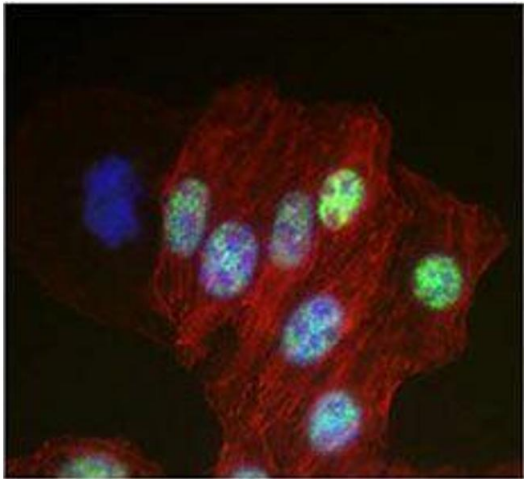
Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

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

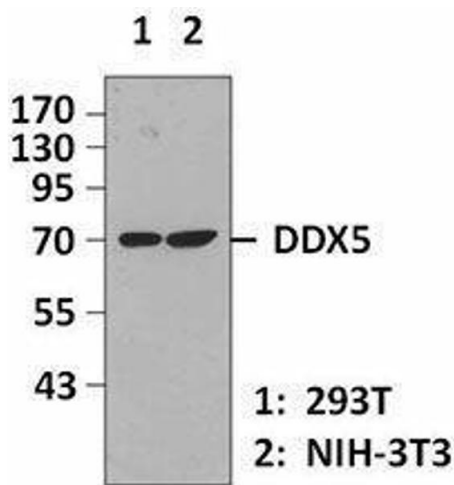
Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.



Immunofluorescence

Image 1.



Western Blotting

Image 2.