

Datasheet for ABIN5542510  
**anti-DDX5 antibody (AA 475-614)**

## 6 Images

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## Overview

Quantity:	0.1 mg
Target:	DDX5
Binding Specificity:	AA 475-614
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human DDX5 (AA: 475-614) expressed in E. coli.
Clone:	4F1C12
Isotype:	IgG2a
Purification:	purified

## Target Details

Target:	DDX5
Alternative Name:	DDX5 ( <a href="#">DDX5 Products</a> )
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, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified.,

Aliases: p68, HLR1, G17P1, HUMP68

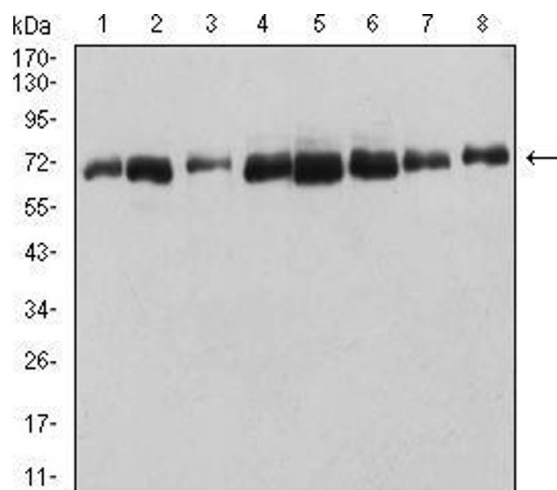
Molecular Weight:	69.1 kDa
Gene ID:	1655
HGNC:	1655
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only

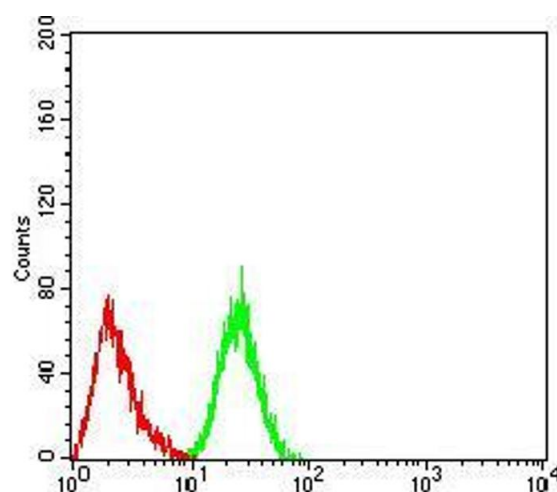
## Handling

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



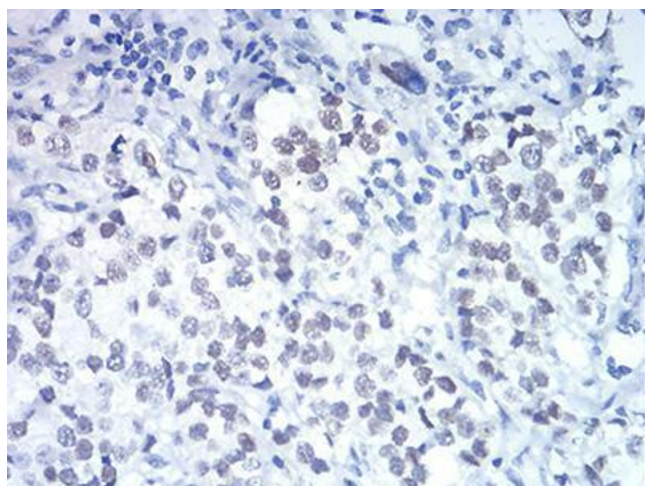
### Western Blotting

**Image 1.** Western blot analysis using DDX5 mouse mAb against HT-29 (1), HeLa (2), NIH/3T3 (3), COS7 (4), SW620 (5), Jurkat (6), A431 (7), and MCF-7 (8) cell lysate.



### Flow Cytometry

**Image 2.** Flow cytometric analysis of HeLa cells using DDX5 mouse mAb (green) and negative control (red).



### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using DDX5 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542510.