

## Anti-DDX5 Monoclonal Antibody

Catalog Number: M00670

### About DDX5

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

### Overview

Product Name	Anti-DDX5 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DDX5 Monoclonal Antibody catalog # M00670. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal ADBC-4
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17844

### Technical Details

Immunogen	A synthesized peptide derived from human DDX5 RNA-dependent ATPase activity. The rate of ATP hydrolysis is highly stimulated by single-stranded RNA. May be involved in pre-mRNA splicing.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:1000-1:5000

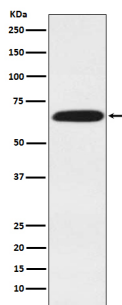
IHC 1:50-1:200

ICC/IF 1:50-1:200

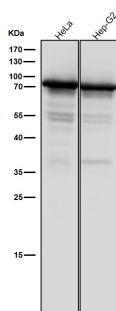
IP 1:50

FC 1:50

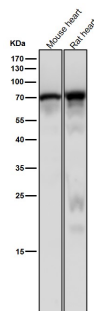
## Anti-DDX5 Monoclonal Antibody (M00670) Images



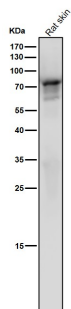
Western blot analysis of DDX5 expression in HeLa cell lysate.



All lanes use the Antibody at 1:8K dilution for 1 hour at room temperature.



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