

## 10-4046: Monoclonal Antibody to DDX3 (Clone: ABM27H2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM27H2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human, Mouse
<b>Gene :</b>	DDX3X
<b>Gene ID :</b>	1654
<b>Uniprot ID :</b>	O00571
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DDX3X, DBX, DDX3
<b>Isotype :</b>	Mouse IgG2b Kappa
<b>Immunogen Information :</b>	A partial length recombinant DDX3 protein (amino acids 10-230) was used as the immunogen for this antibody.

### Description

DDX3 (DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked) is having a large family of ATP-dependent RNA helicases that involve in several steps of RNA metabolism. Main functions of DDX3 involve transcription, mRNA export and translation, regulation of apoptosis and hepatitis C virus (HCV) replication. DDX3 has two isoforms produced by alternative splicing. The cytoplasmic form is highly phosphorylated in the G1/S. DDX3 is primarily expressed in nucleus during G0 phase and in the cytoplasm during G1/S phase.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

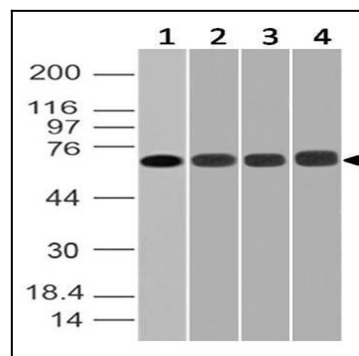


Fig-1: Western blot analysis of DDX3. Anti- DDX3 antibody (Clone: ABM27H2) was used at 2 µg/ml on (1) MCF-7, (2) NIH3T3 (3) HEK293 and (4) EL-4 lysates.