

## DDX4 Ab

[Images\(1\)](#)

Cat.#: BF0162                      Concn.: ~1mg/ml                      Mol.Wt.: 76kDa  
Size:                                      Source: Mouse                              Clonality: Monoclonal

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

\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human

Storage:                              Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH  
7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.  
Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human DDX4 expressed in E. Coli.

Uniprot:                              Q9NQI0

Description:                      DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp  
(DEAD), 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.

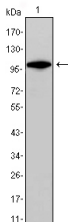


Figure 1: Western blot analysis using DDX4 mouse mAb against DDX4-hIgGFc transfected HEK293 cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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