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Product datasheet for AM06385SU-N

DDX4 Mouse Monoclonal Antibody [Clone ID: 2F9H5]

Product data:

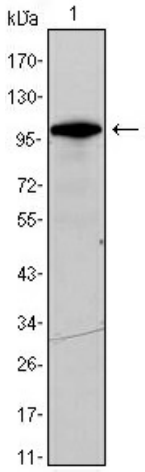
Product Type:	Primary Antibodies
Clone Name:	2F9H5
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	**Western Blot:** 1/500 - 1/2000. **Immunohistochemistry on paraffin sections**: 1/200 - 1/1000. **Immunofluorescence**: 1/200 - 1/1000. **Flow cytometry:** 1/200 - 1/400. **ELISA**: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human DDX4 expressed in E. Coli.
Specificity:	This antibody reacts to DDX4.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	76 kDa
Gene Name:	DEAD-box helicase 4
Database Link:	Entrez Gene 54514 Human Q9NQI0

View online »

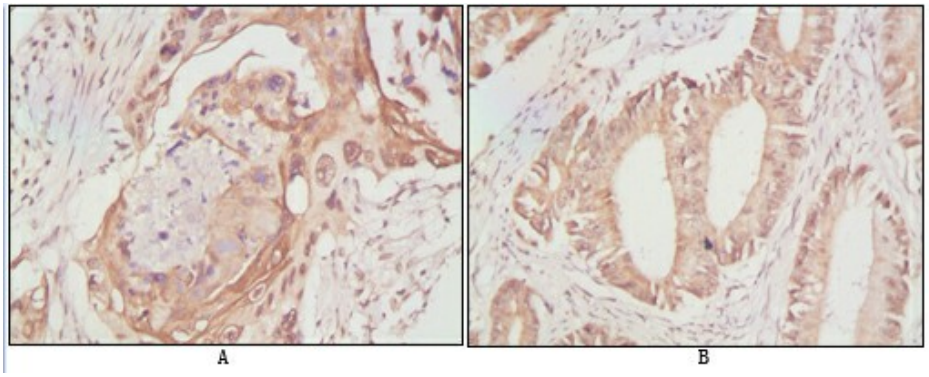
Background: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome 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.

Synonyms: VASA homolog, DEAD box protein 4

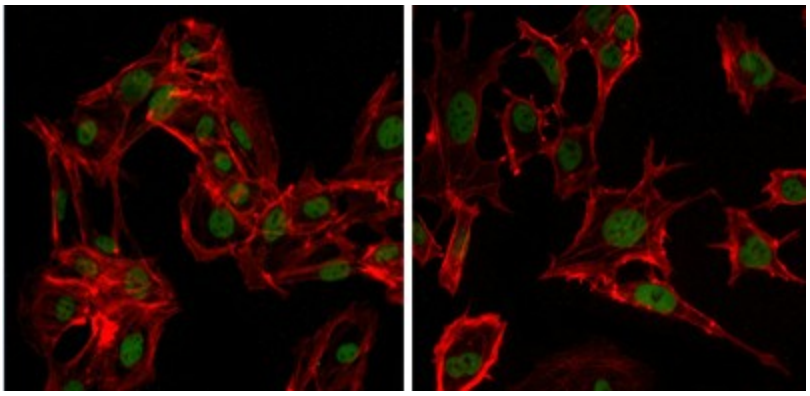
Product images:



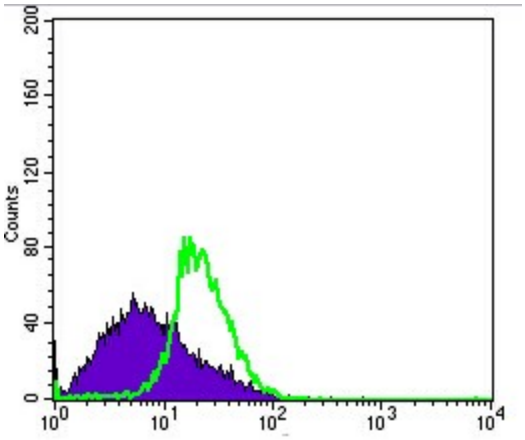
Western blot analysis using DDX4 mouse mAb against DDX4-hIgGFc transfected HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer (A) and rectal cancer (B), showing cytoplasmic localization using DDX4 mouse mAb with DAB staining.



Immunofluorescence analysis of MSCs (left) and NTERA-2 (right) cells using DDX4 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin.



Flow cytometric analysis of MSCS cells using DDX4 mouse mAb (green) and negative control (purple).