

VASA Mouse Monoclonal Antibody

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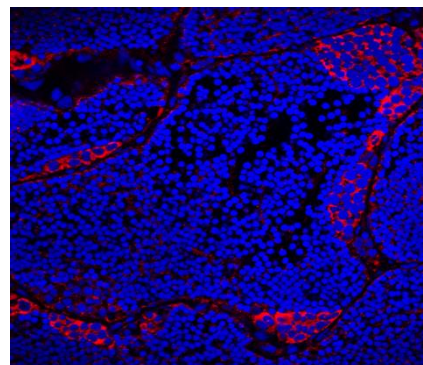
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Only For Research. Not For Diagnosis.

Synonyms:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4; ddx4; VAS
Attribute:	Mouse Monoclonal Antibody
Isotype:	IgG
Purity:	ProteinA/G
Application:	ELISA, IF
Reactivity:	Zebra fish, Gibel carp
Immunogen:	Recombinant Zebra Fish VASA protein expressed by E.Coli
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C, Do not aliquot
Recommended Dilution:	WB: 1:1000-2000 IP: 1:5000-10000 IF: 1:100-200



Immunofluorescence of frozen section of male Gibel carp gonads with anti-VASA Mouse Monoclonal Antibody at dilution of 1:100

Background:

Vasa is an RNA binding protein with an ATP-dependent RNA helicase that is a member of the DEAD box family of proteins. The vasa gene, is essential for germ cell development and was first identified in *Drosophila melanogaster*, but has since been found to be conserved in a variety of vertebrates and invertebrates including humans.[2][3] The Vasa protein is found primarily in germ cells in embryos and adults, where it is involved in germ cell determination and function, as well as in multipotent stem cells, where its exact function is unknown..