

## VASA Monoclonal Antibody

**catalog number:** E-AB-48026

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

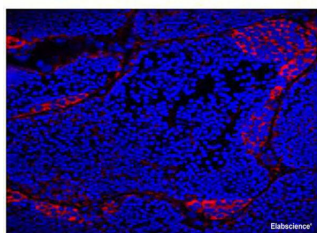
<b>Reactivity</b>	Gibel carp
<b>Immunogen</b>	Recombinant Zebrafish VASA protein expressed by E.coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Clone</b>	7A11
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

<b>IF</b>	1:100-200
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### Data



Immunofluorescence of frozen section of male Gibel carp gonads with anti-VASA mouse monoclonal antibody at dilution of 1:100.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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. 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.