

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human VASA in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 246904
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human VASA Met1-Tyr145 Accession # Q9NQI0
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

VASA, also known as DDX4, is a member of the DEAD box family of ATP-dependent RNA helicases. The expression of VASA in invertebrate and vertebrate species is restricted to germ cells and is required for germ cell formation. VASA is a highly specific marker of germ cells.

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