



20150217ML

Anti-Human VASA (#11G15)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M699
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of VASA (also called DDX4).

Target Background

Synonyms (Target):	DDX4; VASA
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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.

Database References Target

Protein RefSeq:	NP_077726.1
Uniprot ID:	Q9NQI0
mRNA RefSeq:	NM_024415.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#11G15)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human VASA
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human VASA.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!