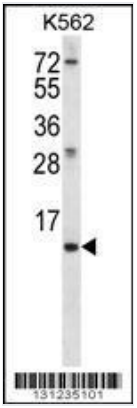
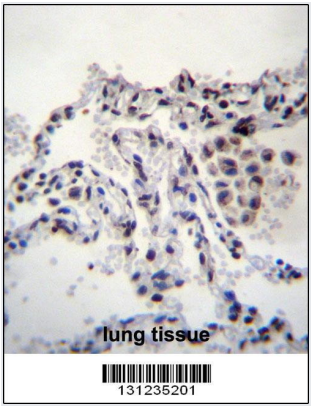
MEIG1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

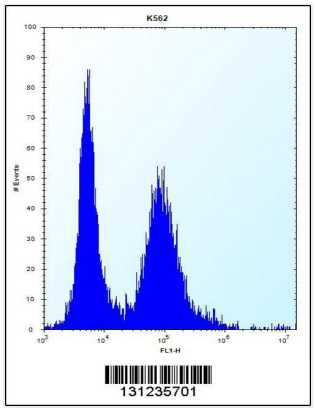
Product Name	MEIG1, Polyclonal Antibody
Full Product Name	MEIG1, ID (MEIG1, Meiosis expressed gene 1 protein homolog) (AP)
Product Gene Name	anti-MEIG1 antibody
Product Synonym Names	MEIG1; Meiosis expressed gene 1 protein homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	10,795 Da
OMIM	614174
3D Structure	ModBase 3D Structure for Q5JSS6
Immunogen	MEIG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-65 amino acids from the Central region of human MEIG1.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-MEIG1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-MEIG1 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-MEIG1 antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-MEIG1 antibody	MBS6320155 is an antibody targeting MEIG1. Also known as MEIG1, ID (MEIG1, Meiosis expressed gene 1 protein homolog) (AP). Reactive in Human. Host: Rabbit. MEIG1 may be involved in germ cell differentiation (By similarity).
Product References and Citations for anti-MEIG1 antibody	Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001).
Other Notes	Small volumes of anti-MEIG1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-MEIG1 antibody
MEIG1 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the MEIG1 antibody detected the MEIG1 protein (arrow).



Immunohistochemistry (IHC) of anti-MEIG1 antibody
MEIG1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MEIG1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-MEIG1 antibody
MEIG1 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MEIG1. It may not necessarily be applicable to this product.

NCBI GI #	124249370
NCBI GeneID	644890
NCBI Accession #	NP_001074305.1
UniProt Primary Accession #	Q5JSS6
UniProt Related Accession #	Q5JSS6
GenBank Nucleotide #	NM_001080836.2
NCBI Official Full Name	meiosis expressed gene 1 protein homolog
NCBI Official Synonym Full Names	meiosis/spermiogenesis associated 1
NCBI Official Symbol	MEIG1
NCBI Official Synonym Symbols	SPATA39; bA2K17.3
UniProt Protein Name	Meiosis expressed gene 1 protein homolog
Protein Family	Meiosis expressed gene 1 protein
UniProt Gene Name	MEIG1

UniProt Entry Name	MEIG1_HUMAN
NCBI Protein Information	meiosis expressed gene 1 protein homolog; spermatogenesis associated 39; meiosis expressed gene 1 homolog
UniProt Comments for MEIG1	MEIG1: Essential for spermiogenesis. Belongs to the MEIG1 family. Chromosomal Location of Human Ortholog: 10p13 Cellular Component: nucleus Biological Process: spermatogenesis; cell differentiation
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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