

RecomAb™

ACRV1 recombinant monoclonal antibody, clone R02-4M9

Catalog # RAB05210 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Intra Acrosomal Protein.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Intra Acrosomal Protein
Theoretical MW (kDa)	Calculated MW: 28 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — ACRV1

Entrez GeneID	56
Gene Name	ACRV1
Gene Alias	D11S4365, SP-10, SPACA2
Gene Description	acrosomal vesicle protein 1
Omim ID	102525
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. This gene consists of 4 exons and its alternative splicing generates multiple distinct transcripts, which encode protein isoforms ranging from 81 to 265 amino acids. The longest transcript is the most abundant, comprising 53-72% of the total acrosomal vesicle protein 1 messages; the second largest transcript comprises 15-32%; the third and the fourth largest transcripts account for 3.4-8.3% and 8.7-12.5%, respectively; and the remaining transcripts combined account for < 1% of the total acrosomal vesicle protein 1 message. It is suggested that phenomena of cryptic splicing and exon skipping occur within this gene. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration, and it is a potential contraceptive vaccine immunogen for humans. [provided by RefSeq]</p>
Other Designations	sperm protein 10