



# Mouse Anti-Human Acrosomal protein SP-10 (sperm protein 10, ACRV1) monoclonal antibody, clone N060 (CABT-L4280)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Human Acrosomal Protein SP-10
<b>Immunogen</b>	Human Acrosomal Protein SP-10
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N060
<b>Purification</b>	Purified by Ion Exchange. Purity>90% by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), LFIA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L4280 - CABT-L4281
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in 0.015 M potassium phosphate, 0.85% NaCl, pH 7.2, with 0.05% sodium azide added as preservative.
<b>Preservative</b>	0.05% sodium azide

<b>Storage</b>	Store at 2-8 °C
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<b>Ship</b>	Wet ice
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## BACKGROUND

### Introduction

This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.

### Keywords

ACRV1;acrosomal vesicle protein 1;SP-10;SPACA2;D11S4365;acrosomal protein SP-10;sperm protein 10;