

SP10 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2147
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human SP10 (AA: 22-265) expressed in E. Coli.
Mol wt	28kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	ACRV1,SP-10;SPACA2;D11S4365

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration. Alternatively spliced transcript variants have been described.

Recommended Dilution

WB: 1:500 - 1:2000

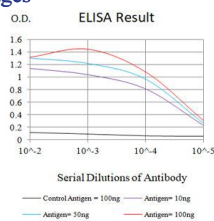
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

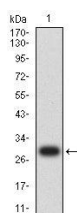
ELISA: 1:10000

Not yet tested in other applications.

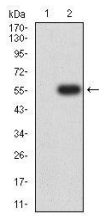
Images



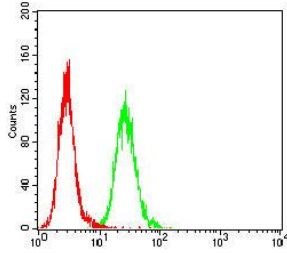
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



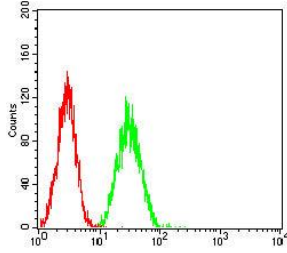
Western blot analysis using SP10 mAb against human SP10 (AA: 22-265) recombinant protein. (Expected MW is 28.8 kDa)



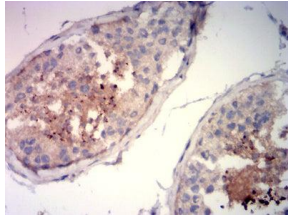
Western blot analysis using SP10 mAb against HEK293-6e (1) and SP10 (AA: 22-265)-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of HeLa cells using SP10 mouse mAb (green) and negative control (red).



Flow cytometric analysis of SK-OV-3 cells using SP10 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded testis tissue using SP10 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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