

SP17 monoclonal antibody

Catalog: MB22959

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity to human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22.[provided by RefSeq, Jan 2009]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

17.4kDa

Swiss-Prot:

Q15506

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200-1/1000 FC:1/200-1/400

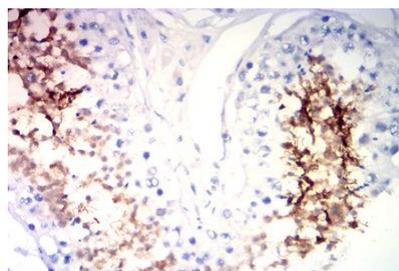
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

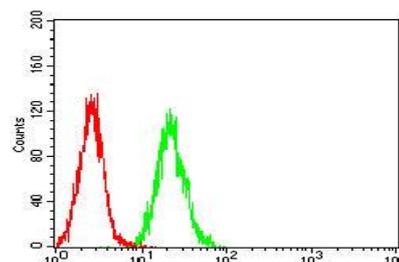
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human testis tissues using SP17 mouse mAb with DAB staining.



Flow cytometric analysis of SK-OV-3 cells using SP17 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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