Anti-SPAG1 [10G1/2]

Catalogue number: 151749 Sub-type: Primary antibody Images:

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-SPAG1 [10G1/2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

ZancerTools.org **Description:** Sperm-associated antigen 1 (SPAG1) has been shown to be expressed in high levels in pancreatic adenocarcinoma. SPAG1 is found in high levels in testis and a large proportion of pancreatic ductal adenocarcinomas (PDAC). It has been seen that in PDAC's SPAG1 expression is predominantly cytoplasmic and confined to malignant cells. The extent and intensity of SPAG1 expression has been shown to be associated with stage and tumour nodal status and this has led to the suggestion that SPAG1 is a novel marker of PDAC progression.

Purpose: Parental cell: **Organism:** Tissue: Model: Gender: **Isotype:** IgG Reactivity: Human Selectivity: Host: Mouse Immunogen: Synthetic peptide SPA-3 (sequence designed to avoid TPR motifs -**KTAPFNKEKERRKIEIQEVNE**) Immunogen UNIPROT ID: Sequence: Growth properties: **Production details:**

Formulation: Recommended controls: testis, pancreatic adenocarcinoma **Bacterial resistance:** Selectable markers: Additional notes:

Target details

Target: SPAG1

Target alternate names:

Target background: Sperm-associated antigen 1 (SPAG1) has been shown to be expressed in high levels in pancreatic adenocarcinoma. SPAG1 is found in high levels in testis and a large proportion of pancreatic ductal adenocarcinomas (PDAC). It has been seen that in PDAC's SPAG1 expression is predominantly cytoplasmic and confined to malignant cells. The extent and intensity of SPAG1 expression has been shown to be associated with stage and tumour nodal status and this has led to Cancer Tools.org the suggestion that SPAG1 is a novel marker of PDAC progression.

Molecular weight: 104 kDa

Ic50:

Applications

Application: IF; IP; WB **Application notes:**

Handling

Format: Liquid Concentration: 1 mg/ml Passage number: Growth medium: **Temperature:** Atmosphere: Volume: Storage medium: Storage buffer: PBS with 0.02% azide Storage conditions: -15° C to -25° C Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Brandeis et al. 1998. Proc Natl Acad Sci U S A. 95(8):4344-9. PMID: 9539739. ; Cyclin B2-null mice develop normally and are fertile whereas cyclin B1-null mice die in utero.

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