

Product datasheet for **CF810450**

MAP126 (SPAG5) Mouse Monoclonal Antibody [Clone ID: OTI3F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3F9
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-297 of human SPAG5 (NP_006452) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	134.2 kDa
Gene Name:	sperm associated antigen 5
Database Link:	NP_006452 Entrez Gene 10615 Human Q96R06
Background:	This gene encodes a protein associated with the mitotic spindle apparatus. The encoded protein may be involved in the functional and dynamic regulation of mitotic spindles. [provided by RefSeq, Jul 2008]

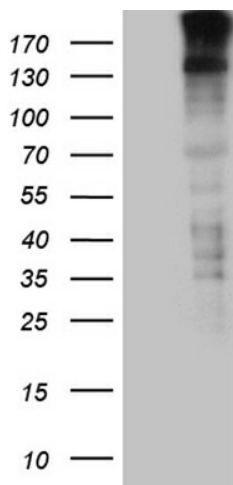


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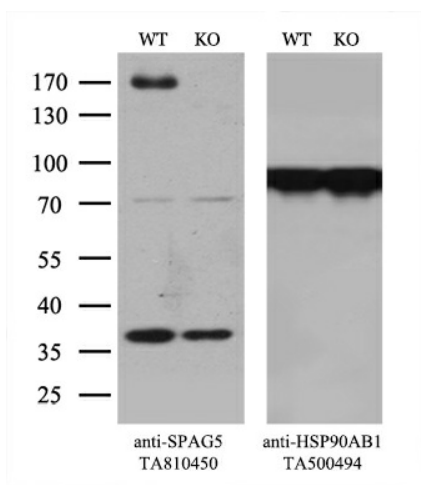
Synonyms: DEEPEST; hMAP126; MAP126

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SPAG5 ([RC201783], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SPAG5. Positive lysates [LY401941] (100ug) and [LC401941] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and SPAG5-Knockout 293T cells (KO, Cat# [LC812267]) were separated by SDS-PAGE and immunoblotted with anti-SPAG5 monoclonal antibody [TA810450], (1:200). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.