

## Product datasheet for **CF810452**

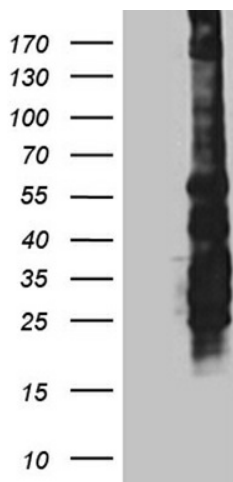
### MAP126 (SPAG5) Mouse Monoclonal Antibody [Clone ID: OTI3F10]

#### Product data:

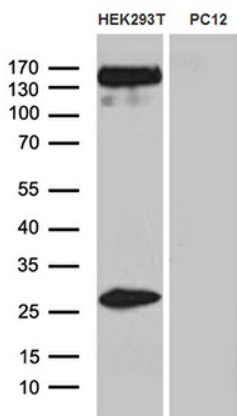
Product Type:	Primary Antibodies
Clone Name:	OTI3F10
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-297 of human SPAG5 (NP_006452) produced in E.coli.
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:	<a href="#">NP_006452</a> <a href="#">Entrez Gene 10615 Human Q96R06</a>
Synonyms:	DEEPEST; hMAP126; MAP126
Protein Families:	Druggable Genome, Stem cell - Pluripotency



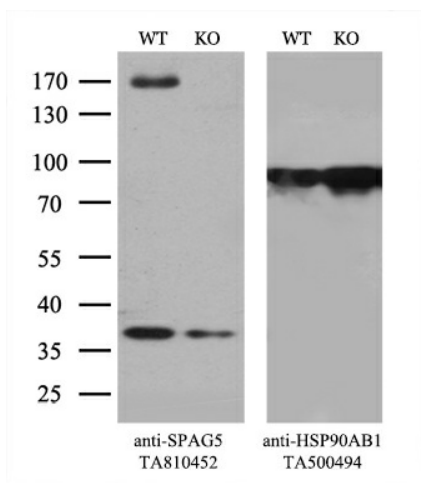
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**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SPAG5 (Cat# [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 (Cat# [TA810452])(1:2000). Positive lysates [LY401941] (100ug) and [LC401941] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 2 different cell lines by using anti-SPAG5 monoclonal antibody (1:500).



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 [TA810452], (1:200). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.