

小鼠抗 SEPT2 单克隆抗体

中文名称： 小鼠抗 SEPT2 单克隆抗体

英文名称： Anti-SEPT2 mouse monoclonal antibody

别名： septin 2; DIFF6; NEDD5; NEDD-5; Pnut13; hNedd5

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： SEPT2

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:	Filament-forming cytoskeletal GTPase. Forms a filamentous structure with SEPT12, SEPT6, SEPT2 and probably SEPT4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation. Required for normal organization of the actin cytoskeleton. Plays a role in the biogenesis of polarized columnar-shaped epithelium by maintaining polyglutamylated microtubules, thus facilitating efficient vesicle transport, and by impeding MAP4 binding to tubulin. Required for the progression through mitosis. Forms a scaffold at the midplane of the mitotic spindle required to maintain CENPE localization at kinetochores and consequently chromosome congression. During anaphase, may be required for chromosome segregation and spindle elongation.
--------------------	---

	Plays a role in ciliogenesis and collective cell movements. In cilia, required for the integrity of the diffusion barrier at the base of the primary cilium that prevents diffusion of transmembrane proteins between the cilia and plasma membranes: probably acts by regulating the assembly of the tectonic-like complex (also named B9 complex) by localizing TMEM231 protein. May play a role in the internalization of 2 intracellular microbial pathogens, <i>Listeria monocytogenes</i> and <i>Shigella flexneri</i> .
Applications:	ELISA, WB
Name of antibody:	SEPT2
Immunogen:	Fusion protein of human SEPT2
Full name:	septin 2
Synonyms:	DIFF6; NEDD5; NEDD-5; Pnutl3; hNedd5
SwissProt:	Q15019
WB Predicted band size:	41 kDa
WB Positive control:	HeLa whole cell lysate
WB Recommended dilution:	1000-5000

