

Allgemeine Informationen

Katalog-Nr.: CL488-67982	GenBank-Zugangsnummer: BC040526	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von56155	GeneID (NCBI): testis expressed 14	CloneNo.: 1A11D6
Nanodrop;	Vollständiger Name: testis expressed 14	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Maus	Berechnete Masse: 957aa,107 kDa; 1497aa,168 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: IgG2a	Beobachtete Masse: 180 kDa	
Immunogen Katalognummer: AG13143		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : Maushodengewebe,
Getestete Reaktivität: Human, Kaninchen, Maus, Ratte	

Hintergrundinformationen

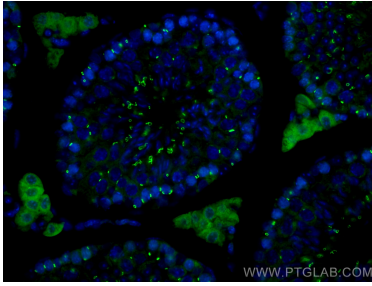
Tex14 is required both for the formation of intercellular bridges during meiosis and for kinetochore-microtubule attachment during mitosis. Intercellular bridges are evolutionarily conserved structures that connect differentiating germ cells and are required for spermatogenesis and male fertility. Tex14 acts by promoting the conversion of midbodies into intercellular bridges via its interaction with CEP55: interaction with CEP55 inhibits the interaction between CEP55 and PDCD6IP/ALIX and TSG101, blocking cell abscission and leading to transform midbodies into intercellular bridges. Tex14 also plays a role during mitosis: recruited to kinetochores by PLK1 during early mitosis and regulates the maturation of the outer kinetochores and microtubule attachment.

Lagerung

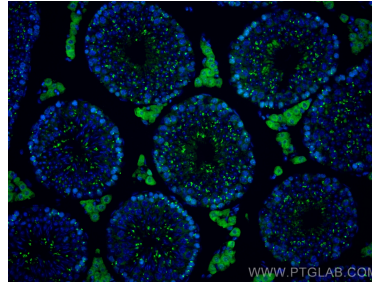
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using CoraLite® Plus 488 TEX14 antibody (CL488-67982, Clone: 1A11D6) at dilution of 1:200.



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