

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TEX14

Numéro de catalogue: 67982-1-Ig



## Informations de base

Numéro de catalogue: 67982-1-Ig	Numéro d'acquisition GenBank: BC040526	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 56155	CloneNo.: 1A11D6
Hôte: Mouse	Nom complet: testis expressed 14	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2a	MW calculé 957aa,107 kDa; 1497aa,168 kDa	
Immunogen Catalog Number: AG13143	MW observés: 180 kDa	

## Applications

Applications testées:  
IF, WB, ELISA

Spécificité de l'espèce:  
Humain, Lapin, rat, souris

### Contrôles positifs:

WB : tissu testiculaire de rat, cellules PC-3, tissu testiculaire de lapin, tissu testiculaire de souris

IF : tissu testiculaire de souris,

## Informations générales

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.

## Stockage

Stockage:  
Stocker à -20 °C.

Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

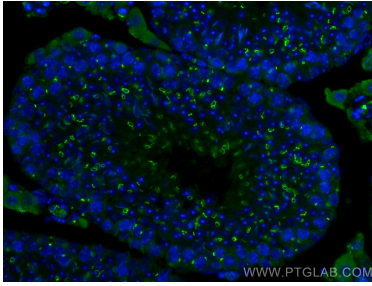
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

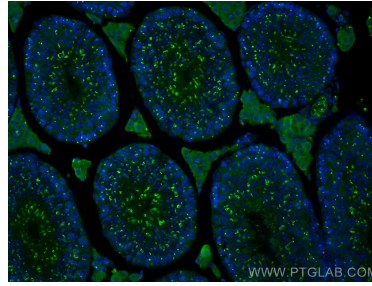
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using TEX14 antibody (67982-1-Ig, Clone: 1A11D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using TEX14 antibody (67982-1-Ig, Clone: 1A11D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



rat testis tissue were subjected to SDS PAGE followed by western blot with 67982-1-Ig (TEX14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.