

Nur für Forschungszwecke

# PEX14 Polyklonaler Antikörper

Katalog-Nr.:CL647-10594



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-10594	<b>GenBank-Zugangsnummer:</b> BC006327	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von5195 Nanodrop;	<b>GeneID (NCBI):</b> 5195	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> peroxisomal biogenesis factor 14	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 41 kDa	
<b>Immunogen Katalognummer:</b> AG0932	<b>Beobachtete Masse:</b> 57 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HeLa-Zellen,
<b>Getestete Reaktivität:</b> Affe, Human, Maus, Ratte	

## Hintergrundinformationen

PEX14 (peroxisomal biogenesis factor 14) is a peroxisomal membrane protein that is essential for protein docking onto the peroxisomes. It is a central component of the peroxisomal matrix protein import machinery and interacts with PEX5 and PEX19. PEX14 is ubiquitously expressed and defects in PEX14 are the cause of peroxisome biogenesis disorder complementation group K (PBD-CGK). This antibody can be used to detect endogenous PEX14 with an apparent molecular weight of 57 kDa (PMID: 16449325; 9653144) and recognize peroxisomal structures in human, monkey and mouse cells.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**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**

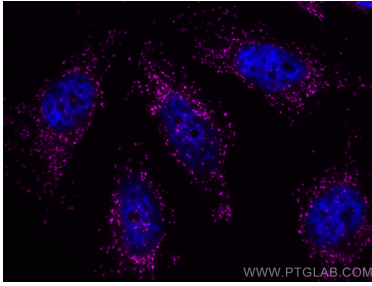
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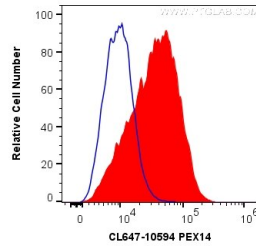
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 647 PEX14 antibody (CL647-10594) at dilution of 1:200, CL594-Phalloidin (red).



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.2  $\mu$ g CoraLite® Plus 647 Anti-Human PEX14 (CL647-10594) (red), or 0.2  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).