

**Product Name: PEX19 (2Y10) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe16002**

---

## Summary

<b>Production Name</b>	PEX19 (2Y10) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
<b>Buffer</b>	preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	PEX19
<b>Alternative Names</b>	HK33; PBD12A; Peroxin 19; PEX19; PMP1; PMPI; PXF; PXMP1;
<b>Gene ID</b>	5824.0
<b>SwissProt ID</b>	P40855.

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:5000, ICC/IF 1:50-1:100, FCM 1:10-1:100, IP 1:10-1:100
<b>Molecular Weight</b>	33kDa

**Product Name: PEX19 (2Y10) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe16002**

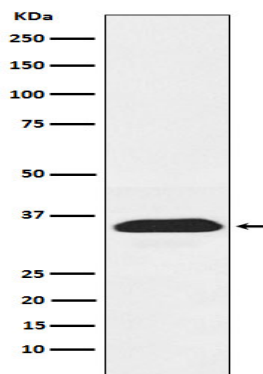
---

## Background

Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3. Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3. Excludes CDKN2A from the nucleus and prevents its interaction with MDM2, which results in active degradation of TP53.

## Research Area

## Image Data



Western blot analysis of PEX19 expression in Jurkat cell lysate.

## Note

For research use only.