# PEX19 Rabbit mAb

**货号: B29337**

## 产品信息

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|---|---|
| 反应 | Human,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IF/ICC IP FC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IF/ICC:** 1:50 - 1:200<br>**IP:** 1:20 - 1:50<br>**FC:** 1:20 - 1:50 |
| 理论分子量 | 29kDa/32kDa |
| 实测分子量 | 35,40kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 22Rv1,THP-1,U-87MG,Jurkat |
| 细胞定位 | Cytoplasm,Cytoplasmic side,Lipid-anchor,Peroxisome membrane |
| 纯化 | Affinity purification |

## 抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human PEX19. |
| 序列 | MAAAEEGCSVGAEADRELEELLESALDDFDKAKPSPAPPSTTTAPDASGPQKRSPGDTAKDALFASQEKFFQELFDSELA<br>SQATAEFEKAMKELAEEEPHLVEQFQKLSEAAGRVGSDMTSQQEFTSCLKETLSGLAKNATDLQNSSMSEEELTKAMEGL<br>GMDEGDGEGNILPIMQSIMQNLLSKDVLYPSLKEITEKYPEWLQSHRESLPPEQFEKYQEQHSVMCKICEQFEAETPTDSE<br>TTQKARFEMVLDLMQQLQDLGHPPKELAGEMPPGLNFDLDALNLSGPPGASGEQCLIM |

## 靶点信息

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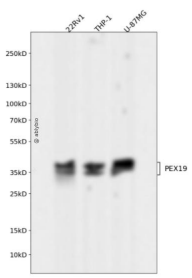
| 研究背景 | This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. These disorders have at least 14 complementation groups, with more than one phenotype being observed for some complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause of Zellweger syndrome (ZWS), as well as peroxisome biogenesis disorder complementation group 14 (PBD-CG14), which is also known as PBD-CGJ. Alternative splicing results in multiple transcript variants. |
| 基因**ID** | 5824 |
| 基因名 | PEX19 |
| **Swiss** | P40855 |
| 别名 | PEX19;D1S2223E;HK33;PBD12A;PMP1;PMPI;PXF;PXMP1 |

## 产品验证




Western blot analysis of PEX19 expressed in 22Rv1,THP-1,U-87MG using PEX19 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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