



# Mouse anti-Human PEX14 monoclonal antibody, clone 2H23 (CABT-B10960)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| <b>Immunogen</b>             | PEX14 (NP_004556, 293 a.a. ~ 376 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG2a  |
| <b>Source/Host</b>           | Mouse  |
| <b>Species Reactivity</b>    | Human  |
| <b>Clone</b>                 | 2H23   |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Applications</b>          | WB, sELISA, ELISA  |
| <b>Sequence Similarities</b> | LGPQEEGEGVVDVKGQVRMEVQGEEEKREDKEDEEDEEDDDVSHVDEEDCLGVQREDRRG<br>GDGQINEQVEKLRRPEGASNESE*                           |
| <b>Format</b>                | Liquid   |
| <b>Size</b>                  | 100 µg   |
| <b>Buffer</b>                | In 1x PBS, pH 7.2  |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |

## BACKGROUND

**Introduction** This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and

interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome. [provided by RefSeq, Jul 2008]

---

**Keywords** PEX14; peroxisomal biogenesis factor 14; NAPP2; PBD13A; Pex14p; dJ734G22.2; peroxisomal membrane protein PEX14; peroxin-14; PTS1 receptor docking protein; PTS1 receptor-docking protein; NF-E2 associated polypeptide 2; peroxisomal membrane anchor protein PEX14; peroxisomal membrane anchor protein Pex14p;

---

## GENE INFORMATION

**Entrez Gene ID** [5195](#)

---

**UniProt ID** [O75381](#)

---

**Pathway** Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem

---

**Function** protein N-terminus binding; protein binding; transcription corepressor activity

---