RecomAb™

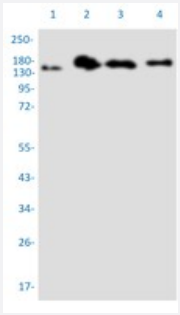
# PELP1 recombinant monoclonal antibody, clone R06-4A4

Catalog # RAB04476 Size 100 uL

## Applications

### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast cancer with PELP1 recombinant monoclonal antibody, clone R06-4A4 (Cat # RAB04476).




### Western Blot

Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate, Lane 3: MCF-7 whole cell lysate and Lane 4: 293T whole cell lysate with PELP1 recombinant monoclonal antibody, clone R06-4A4 (Cat # RAB04476).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human PELP1. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to human PELP1. |
| **Theoretical MW (kDa)** | Calculated MW: 120 k |
| **Reactivity** | Human |
| **Form** | Liquid |

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|---|---|
| **Preparation Method** | Mammalian cell (CHO) expression system |
| **Purification** | Affinity chromatography |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:100)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human breast cancer with PELP1 recombinant monoclonal antibody, clone R06-4A4 (Cat # RAB04476).

- Immunofluorescence

- Immunocytochemistry

- Western Blot

  Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate, Lane 3: MCF-7 whole cell lysate and Lane 4: 293T whole cell lysate with PELP1 recombinant monoclonal antibody, clone R06-4A4 (Cat # RAB04476).

## Gene Info — PELP1

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|---|---|
| **Entrez GeneID** | 27043 |
| **Protein Accession#** | Q8IZL8 |
| **Gene Name** | PELP1 |
| **Gene Alias** | HMX3, MNAR, P160 |

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| | |
|---|---|
| **Gene Description** | proline, glutamate and leucine rich protein 1 |
| **Omim ID** | 609455 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | PELP1 is a coactivator of estrogen receptor (see ESR1; MIM 133430)-mediated transcription and a corepressor of other nuclear hormone receptors and sequence-specific transcription factors (Choi et al., 2004 [PubMed 15456770]).[supplied by OMIM |
| **Other Designations** | modulator of nongenomic activity of estrogen receptor\|proline and glutamic acid rich nuclear protein\|proline, glutamic acid and leucine rich protein 1\|proline-, glutamic acid-, leucine-rich protein 1\|transcription factor HMX3 |

## Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease

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