RecomAb™

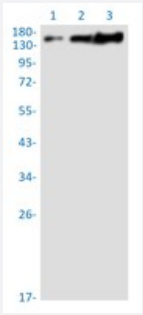
PELP1 recombinant monoclonal antibody, clone R01-5H1

Catalog # RAB04475 Size 100 uL

Applications

Immunocytochemistry

Immunocytochemistry staining of CEM cells with PELP1 recombinant monoclonal antibody, clone R01-5H1 (Cat # RAB04475) (green). DAPI was stained the cell nucleus (blue).



Western Blot

Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate and Lane 3: HL-60 whole cell lysate with PELP1 recombinant monoclonal antibody, clone R01-5H1 (Cat # RAB04475).

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 Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) 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. 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

- Immunofluorescence
- Immunocytochemistry

  Immunocytochemistry staining of CEM cells with PELP1 recombinant monoclonal antibody, clone R01-5H1 (Cat # RAB04475) (green). DAPI was stained the cell nucleus (blue).

- Western Blot

  Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate and Lane 3: HL-60 whole cell lysate with PELP1 recombinant monoclonal antibody, clone R01-5H1 (Cat # RAB04475).

Gene Info — PELP1

Entrez GeneID	27043
Protein Accession#	Q8IZL8
Gene Name	PELP1
Gene Alias	HMX3, MNAR, P160
Gene Description	proline, glutamate and leucine rich protein 1
Omim ID	609455

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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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