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Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2)

Catalog # ABO10466

Specification

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Product Information

Application	**IHC**
Primary Accession	P04264
Host	**Mouse**
Isotype	**Mouse IgG2a/ IgG1**
Reactivity	**Human, Rat**
Clonality	**Monoclonal**
Format	**Lyophilized**

Description
Mouse IgG monoclonal antibody for PCK detection. Tested with WB, IHC-P, IHC-F in Human;rat. No cross reactivity with other proteins.

Reconstitution
Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Additional Information

Gene ID 3848

Other Names
Keratin, type II cytoskeletal 1, 67 kDa cytokeratin, Cytokeratin-1, CK-1, Hair alpha protein, Keratin-1, K1, Type-II keratin Kb1, KRT1, KRTA

Calculated MW
66039 MW KDa

Application Details
Immunohistochemistry(Paraffin-embedded Section), 0.1-0.5 µg/ml, Human, rat, By Heat

Immunohistochemistry(Frozen Section), 0.1-0.5 µg/ml, Human, rat, -
Western blot, 1-2 µg/ml, Human, rat

Subcellular Localization
Cell membrane . Located on plasma membrane of neuroblastoma NMB7 cells.

Tissue Specificity
The source of this protein is neonatal foreskin. The 67-kDa type II keratins are expressed in terminally differentiating epidermis.

Protein Name
Keratin, type II cytoskeletal 1

Contents
Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Immunogen
mixture of several monoclonal cytokeratin clones.

Purification
Ascites

Cross Reactivity
No cross reactivity with other proteins

Storage

At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities
Belongs to the intermediate filament family.

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Protein Information

Name KRT1

Synonyms KRTA

Function
May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK.

Cellular Location
Cell membrane. Cytoplasm

Tissue Location
The source of this protein is neonatal foreskin. The 67-kDa type II keratins are expressed in terminally differentiating epidermis

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Images

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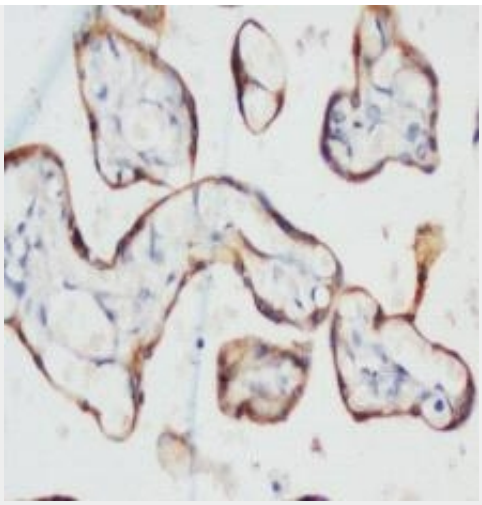

Anti-PCK antibody (monoclonal), ABO10466, IHC(P)IHC(P): Human Placenta Tissue

Anti-PCK Antibody (Monoclonal, C-11+PCK-26+CY-90+KS-1A3+M20+A53-B/A2) - Background

Monoclonal anti cytokeratins are specific markers of epithelial cell differentiation and have been widely used as tools in tumor identification and classification. Monoclonal Anti Pan Cytokeratin(mixture) is a broadly reactive reagent, which recognizes epitopes present in most human epithelial tissues.