

Anti-PCK-26 Antibody (Monoclonal, PCK-26)
Catalog # ABO10467**Specification**

Anti-PCK-26 Antibody (Monoclonal, PCK-26) - Product Information

Application	WB, IHC-P, IHC-F
Primary Accession	Q10758
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized

Description

Mouse IgG monoclonal antibody for PCK-26 detection. Tested with WB, IHC-P, IHC-F in Human;mouse;rat. No cross reactivity with other proteins.

Reconstitution

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

Anti-PCK-26 Antibody (Monoclonal, PCK-26) - Additional Information

Gene ID 25626

Other Names

Keratin, type II cytoskeletal 8, Cytokeratin endo A, Cytokeratin-8, CK-8, Keratin-8, K8, Type-II keratin Kb8, Krt8, Krt2-8

Calculated MW

54019 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 1-2 µg/ml, Human, mouse, rat, By Heat

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

Subcellular Localization

Cytoplasm . Nucleus, nucleoplasm . Nucleus matrix .

Tissue Specificity

Expressed in cardiac and striated muscle. Expressed at Z-lines within the muscle fibers and at Z-line and M- line domains at costameres at the sarcolemmal membrane (at protein level). Observed in coagulating gland, bladder, salivary gland, kidney, spleen, thymus, lung and heart. Also observed in ventral prostate, seminal vesicle and liver where expression increases following castration. .

Protein Name

Keratin, type II cytoskeletal 5

Contents

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

Immunogen

Cytokeratin from human epidermis.

Purification

Ascites

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, 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-26 Antibody (Monoclonal, PCK-26) - Protein Information

Name Krt8

Synonyms Krt2-8

Function

Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Cellular Location

Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix

Tissue Location

Expressed in cardiac and striated muscle. Expressed at Z-lines within the muscle fibers and at Z-line and M-line domains at costameres at the sarcolemmal membrane (at protein level). Observed in coagulating gland, bladder, salivary gland, kidney, spleen, thymus, lung and heart. Also observed in ventral prostate, seminal vesicle and liver where expression increases following castration

Anti-PCK-26 Antibody (Monoclonal, PCK-26) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PCK-26 Antibody (Monoclonal, PCK-26) - Images

Anti-PCK-26 Antibody (Monoclonal, PCK-26) - 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.