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Cytokeratin 8/18 Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone KRT8/803 + KRT18/835]
Catalog # AH12923

Specification

Cytokeratin 8/18 Antibody - With BSA and Azide - Product Information

Application	**,1,2,3,4,**
Primary Accession	P05787
Other Accession	3856 (CK8), 3875 (CK18), 533782, 708445 (CK8), 406013 (CK18), P05783 (CK18)
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgG's**
Calculated MW	**52.5kDa (CK8); 45kDa (CK18) KDa**

Cytokeratin 8/18 Antibody - With BSA and Azide - Additional Information

Gene ID 3856

Other Names
Keratin, type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, Type-II keratin Kb8, KRT8, CYK8

Storage
Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions
Cytokeratin 8/18 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Cytokeratin 8/18 Antibody - With BSA and Azide - Protein Information

Name KRT8

Synonyms CYK8

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

Cellular Location
Cytoplasm. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q10758}. Nucleus matrix {ECO:0000250|UniProtKB:Q10758}

Tissue Location
Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.

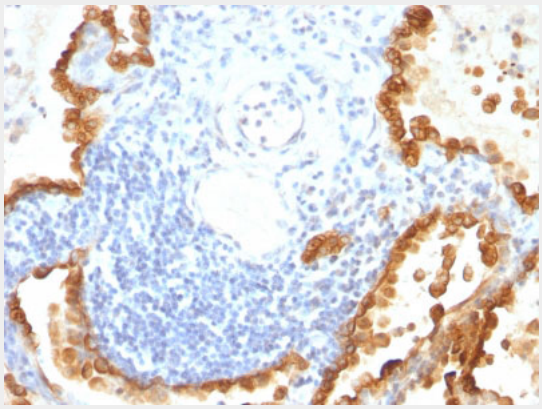
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Cytokeratin 8/18 Antibody - With BSA and Azide - Protocols

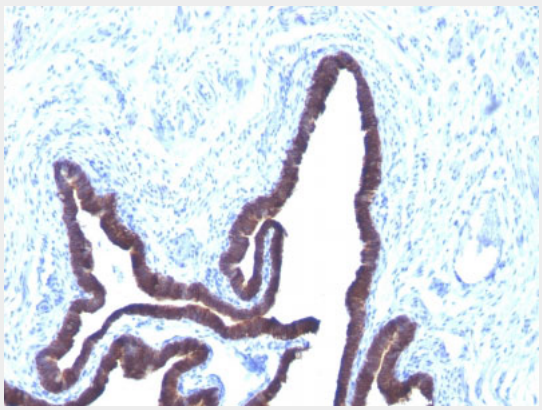
Provided below are standard protocols that you may find useful for product applications.

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

Cytokeratin 8/18 Antibody - With BSA and Azide - Images

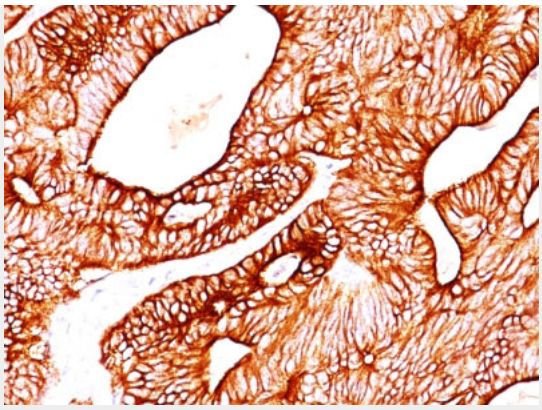


Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).



Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).

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Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).

Cytokeratin 8/18 Antibody - With BSA and Azide - Background

Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This MAb cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained.ĀImmuno-histochemical staining with this MAb is indistinguishable from that obtained with monoclonal antibody 5D3.

Cytokeratin 8/18 Antibody - With BSA and Azide - References

Angus B et. al. J Path, 153:377-384, 1987. | Angus B et. al. J Path, 155:71-75, 198