

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20)
Mouse Monoclonal Antibody
Catalog # ALS14868**Specification**

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - Product Information

Application	WB, IHC-P, ICC, IHC-F, FC
Primary Accession	P05787
Reactivity	Human, Rat, Rabbit
Host	Mouse
Clonality	Monoclonal
Calculated MW	54kDa kDa
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A IHC-F~~N/A FC~~1:10~50

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - 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

Target/Specificity

Reacts with glandular epithelial cells (endocrine and exocrine) as well as mesothelial cells and epithelia of the digestive, respiratory and urogenital tract. Also most adenocarcinomas derived from these cells are positive. The epitope has been mapped ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - 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}

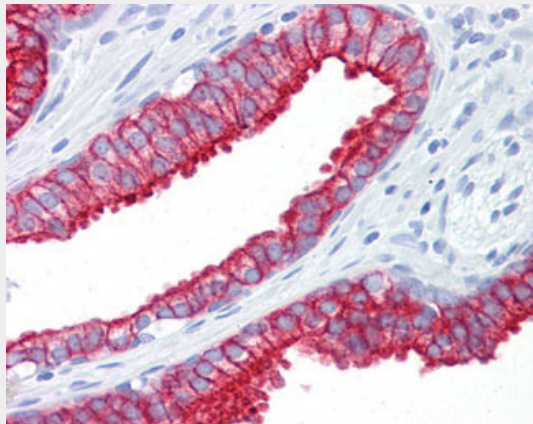
Tissue Location

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.

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - 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](#)

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - Images

Anti-KRT8 / Cytokeratin 8 antibody IHC of human prostate.

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - Background

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

KRT8 / CK8 / Cytokeratin 8 Antibody (clone M20) - References

- Krauss S., et al. Gene 86:241-249(1990).
Yamamoto R., et al. Mol. Endocrinol. 4:370-374(1990).
Waseem A., et al. New Biol. 2:464-478(1990).
Ku N.-O., et al. J. Biol. Chem. 272:7556-7564(1997).
Ota T., et al. Nat. Genet. 36:40-45(2004).