

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12)
Mouse Monoclonal Antibody
Catalog # ALS13154**Specification**

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - Product Information

Application	IF, IHC
Primary Accession	P05787
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	54kDa KDa

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - 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

Human KRT8

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - 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.

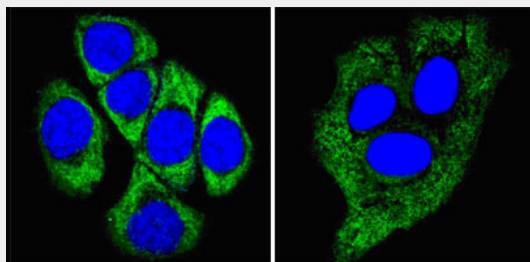
Volume
50 µl

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - Protocols

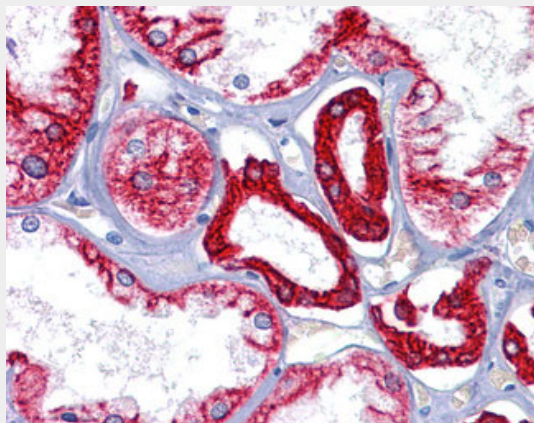
Provided below are standard protocols that you may find useful for product applications.

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

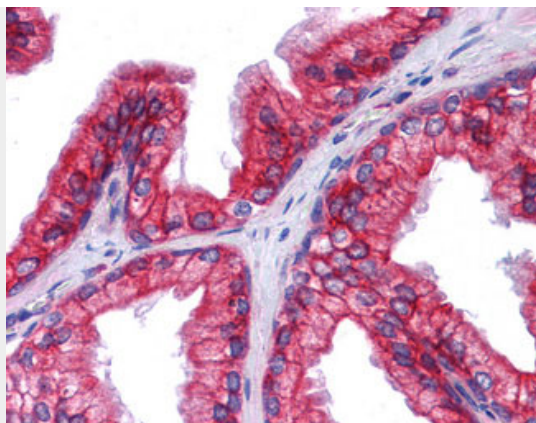
KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - Images



Confocal immunofluorescence of methanol-fixed ECA109 cells (left) and HepG2 cells (right) using...



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



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

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - Background

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

KRT8 / CK8 / Cytokeratin 8 Antibody (clone 8A5D12) - 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).