

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12)
Mouse Monoclonal Antibody
Catalog # ALS13036**Specification**

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Product Information

Application	WB, IHC-P, E, FC
Primary Accession	P08729
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	51kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A FC~~1:10~50

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Additional Information**Gene ID** 3855**Other Names**

Keratin, type II cytoskeletal 7, Cytokeratin-7, CK-7, Keratin-7, K7, Sarcolectin, Type-II keratin Kb7, KRT7, SCL

Target/Specificity

Human KRT7

Reconstitution & Storage

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

Precautions

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Protein Information**Name** KRT7**Synonyms** SCL**Function**

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

Cellular Location

Cytoplasm.

Tissue Location

Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

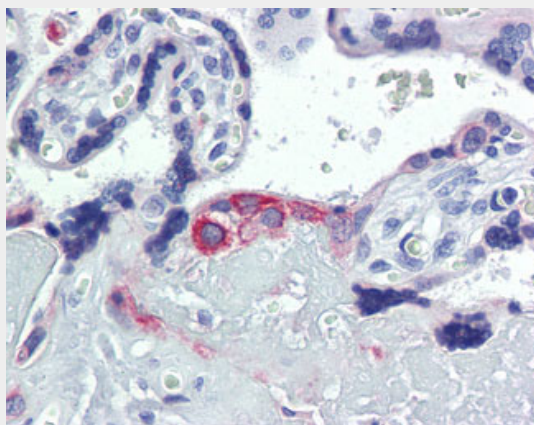
Volume

50 µl

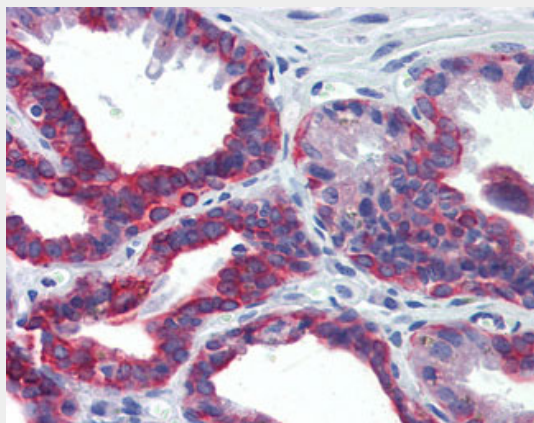
KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Protocols

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

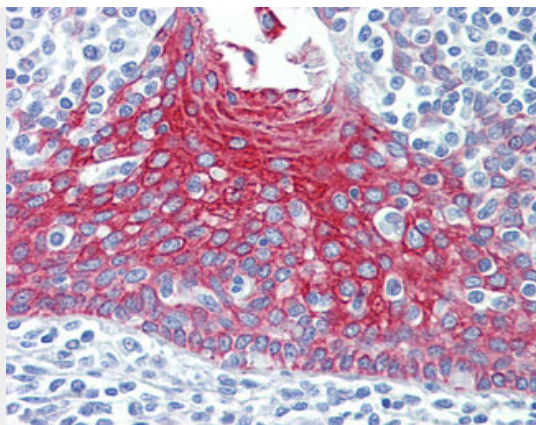
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Images

Anti-KRT7 / Cytokeratin 7 antibody IHC of human placenta.



Anti-KRT7 / Cytokeratin 7 antibody IHC of human seminal vesicle.



Anti-KRT7 / Cytokeratin 7 antibody IHC of human tonsil.

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - Background

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12) - References

- Glass C.,et al.J. Cell Biol. 101:2366-2373(1985).
Glass C.,et al.J. Cell Biol. 107:1337-1350(1988).
Kaba A.,et al.Biochimie 81:709-715(1999).
Smith F.J.D.,et al.Biochem. Biophys. Res. Commun. 297:818-827(2002).
Scherer S.E.,et al.Nature 440:346-351(2006).