10320 Camino Santa Fe, Suite G
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KRT7 / CK7 / Cytokeratin 7 Antibody (clone 5D12)

Mouse Monoclonal Antibody

Catalog # ALS13036

Specification

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

Application	**IHC**
Primary Accession	P08729
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**51kDa KDa**

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.

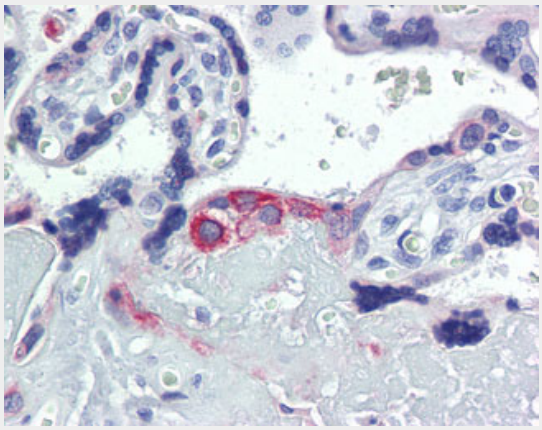
Volume
50 µl

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

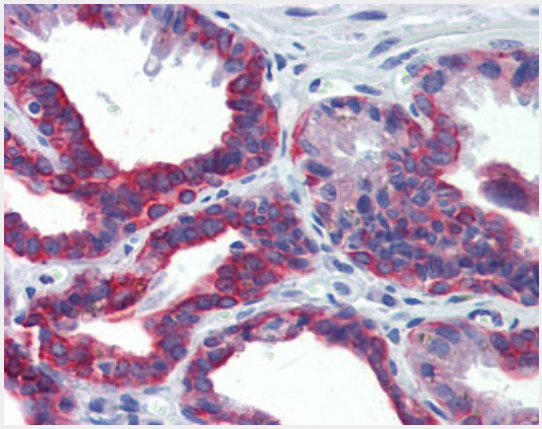
Provided below are standard protocols that you may find useful for product applications.

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

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

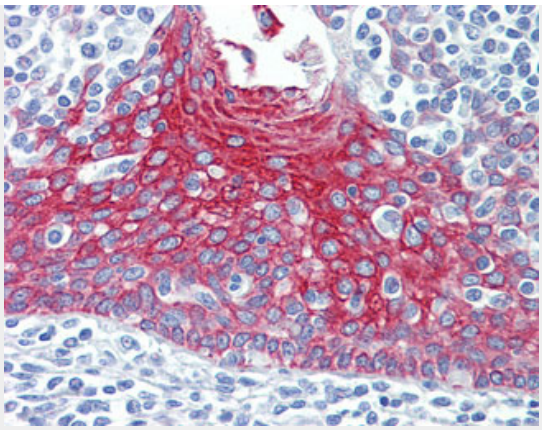


Anti-KRT7 / Cytokeratin 7 antibody IHC of human placenta.



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

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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).