

ARVCF Antibody (clone 5D2)
Mouse Monoclonal Antibody
Catalog # ALS13277**Specification**

ARVCF Antibody (clone 5D2) - Product Information

Application	WB, IHC-P
Primary Accession	O00192
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	105kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

ARVCF Antibody (clone 5D2) - Additional Information**Gene ID** 421**Other Names**

Armadillo repeat protein deleted in velo-cardio-facial syndrome, ARVCF

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

ARVCF Antibody (clone 5D2) is for research use only and not for use in diagnostic or therapeutic procedures.

ARVCF Antibody (clone 5D2) - Protein Information**Name** ARVCF ([HGNC:728](#))**Function**

Contributes to the regulation of alternative splicing of pre- mRNAs.

Cellular Location

Cell junction, adherens junction. Nucleus. Cytoplasm Note=In heart, localizes at area composita, the mixed-type junctional structure composed of both desmosomal and adherens junctional proteins {ECO:0000250|UniProtKB:B4F7F3}

Tissue Location

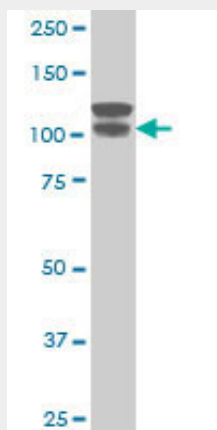
Found in all the examined tissues including heart, brain, liver and kidney. Found at low level in lung. Expressed in dermal connective tissue, salivary gland duct and in the corneal layer (at protein level) (PubMed:30479852). Expressed in arrector pili muscle (at protein level) (PubMed:29034528). High levels detected in epithelial cells with lower levels found in fibroblasts and T lymphocytes (PubMed:10725230).

ARVCF Antibody (clone 5D2) - Protocols

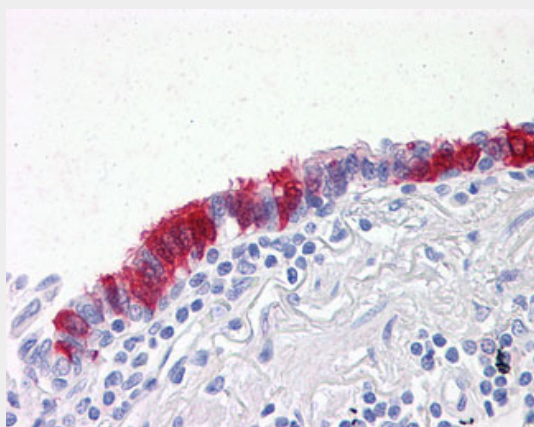
Provided below are standard protocols that you may find useful for product applications.

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

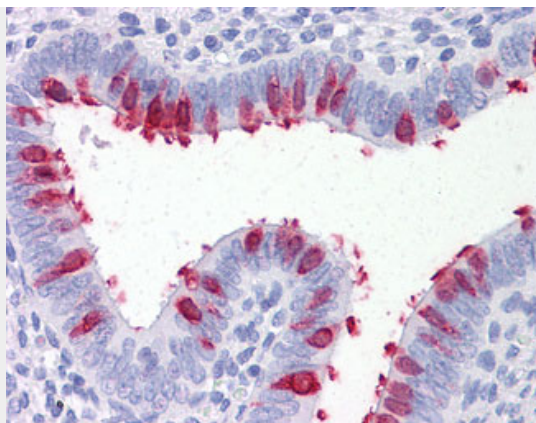
ARVCF Antibody (clone 5D2) - Images



ARVCF monoclonal antibody, clone 5D2 Western blot of ARVCF expression in A-431.



Anti-ARVCF antibody IHC of human lung, respiratory epithelium.



Anti-ARVCF antibody IHC of human uterus.

ARVCF Antibody (clone 5D2) - Background

Involved in protein-protein interactions at adherens junctions.

ARVCF Antibody (clone 5D2) - References

- Sirotkin H.,et al.Genomics 41:75-83(1997).
Dunham I.,et al.Nature 402:489-495(1999).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Stenzel N.,et al.J. Cell Sci. 122:3374-3384(2009).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).