

Zyxin Antibody (clone 2D1)
Mouse Monoclonal Antibody
Catalog # ALS13440**Specification**

Zyxin Antibody (clone 2D1) - Product Information

Application	WB, IHC
Primary Accession	Q15942
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	61kDa KDa

Zyxin Antibody (clone 2D1) - Additional Information**Gene ID** 7791**Other Names**

Zyxin, Zyxin-2, ZYX

Reconstitution & Storage

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

Precautions

Zyxin Antibody (clone 2D1) is for research use only and not for use in diagnostic or therapeutic procedures.

Zyxin Antibody (clone 2D1) - Protein Information**Name** ZYX**Function**

Adhesion plaque protein. Binds alpha-actinin and the CRP protein. Important for targeting TES and ENA/VASP family members to focal adhesions and for the formation of actin-rich structures. May be a component of a signal transduction pathway that mediates adhesion- stimulated changes in gene expression (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Nucleus. Cell junction, focal adhesion. Note=Associates with the actin cytoskeleton near the adhesion plaques. Enters the nucleus in the presence of HESX1

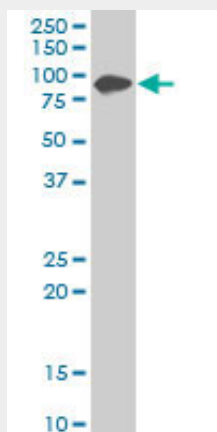
Zyxin Antibody (clone 2D1) - Protocols

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

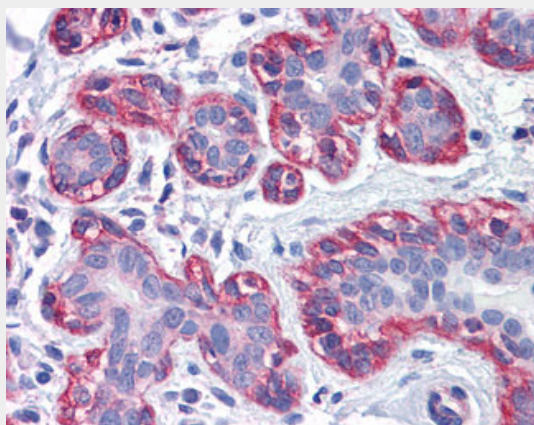
- [Western Blot](#)

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

Zyxin Antibody (clone 2D1) - Images



ZYX monoclonal antibody, clone 2D1 Western blot of ZYX expression in NIH/3T3.



Anti-ZYX / Zyxin antibody IHC of human breast.

Zyxin Antibody (clone 2D1) - Background

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Zyxin Antibody (clone 2D1) - References

- Macalma T.,et al.J. Biol. Chem. 271:31470-31478(1996).
Zumbrunn J.,et al.Eur. J. Biochem. 241:657-663(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).

