

## ZYX antibody

### Product Information

Catalog No.:	FNab09765
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	8D5
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin(ZYX) is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles.

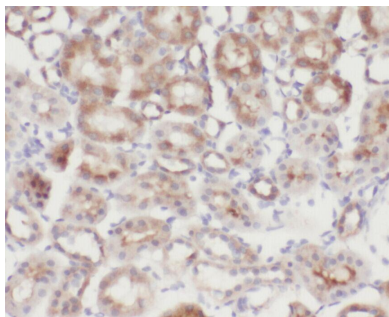
### Immunogen information

Immunogen:	zyxin
Synonyms:	Zyxin Zyxin-2 ZYX
Observed MW:	80 kDa
Uniprot ID :	Q15942

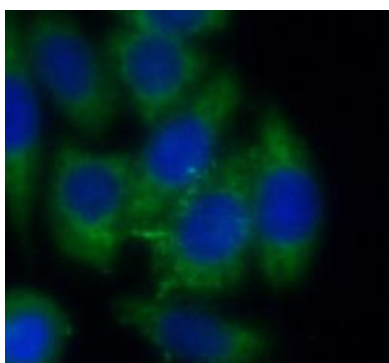
### Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:20-1:200

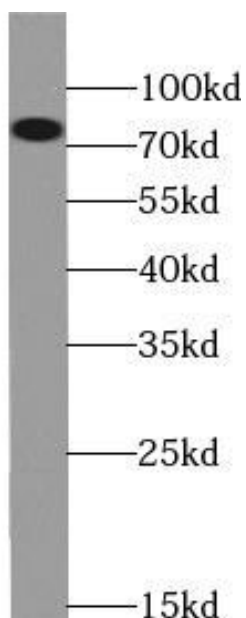
Image:



Immunohistochemistry of paraffin-embedded human kidney slide using FNab09765(ZYX Antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells using FNab09765(ZYX Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09765(ZYX antibody) at dilution of 1:1000