

# FIG4 Rabbit mAb

Catalog # AP76302

## Product Information

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Application	WB, IP
Primary Accession	<a href="#">Q92562</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	103635

## Additional Information

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Gene ID	9896
Other Names	FIG4
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

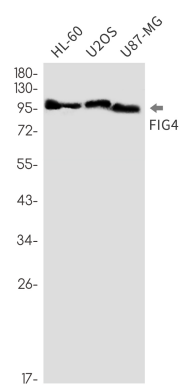
## Protein Information

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Name	FIG4 ( <a href="#">HGNC:16873</a> )
Function	Dual specificity phosphatase component of the PI(3,5)P2 regulatory complex which regulates both the synthesis and turnover of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2) (PubMed: <a href="#">17556371</a> , PubMed: <a href="#">33098764</a> ). Catalyzes the dephosphorylation of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2) to form phosphatidylinositol 3-phosphate (PubMed: <a href="#">33098764</a> ). Has serine-protein phosphatase activity acting on PIKfyve to stimulate its lipid kinase activity, its catalytically activity being required for maximal PI(3,5)P2 production (PubMed: <a href="#">33098764</a> ). In vitro, hydrolyzes all three D5-phosphorylated polyphosphoinositide and although displaying preferences for PtdIns(3,5)P2, it is capable of hydrolyzing PtdIns(3,4,5)P3 and PtdIns(4,5)P2, at least in vitro (PubMed: <a href="#">17556371</a> ).
Cellular Location	Endosome membrane. Note=Localization requires VAC14 and PIKFYVE

## Images

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