

# Ab2-myl-Ser19-P

Antibody Name:	<a href="#">Ab2-myl-Ser19-P</a> from the <a href="#">ZFIN antibody database</a> .
Other names, clone ids, catalog ids etc.	anti phospho MLC2(Ser19) , Phospho-Myosin Light Chain 2 (Ser19) Mouse mAb #3675 , myl-Ser19-P
Antibody Registry ID.	AB_2250969
Does it work on zebrafish?	yes
Host organism	Mouse
Immunogen organism	
Antibody isotype	
Antibody type	monoclonal
Anatomical structures recognized (use terms from the <a href="#">ZFIN Anatomical Ontology</a> )	<a href="#">margin</a> ; <a href="#">peridermal cell actin-based cell projection</a>
Recognized target molecules (gene names, domains, epitopes ...)	
Suppliers	<a href="#">Cell Signaling Technology, Inc.</a>

## Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from <a href="#">ZFIN curation</a>
western blot		yes	from <a href="#">ZFIN curation</a>

## Notes

- Imported from ZFIN Antibody page [Ab2-myl-Ser19-P](#)
- Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser19 of human myosine light chain 2 (smooth muscle). Phospho-Myosin Light Chain 2 (Ser19) Mouse mAb detects endogenous levels of myosin light chain 2 (smooth muscle) only when phosphorylated at serine 19. This antibody does not cross-react with the cardiac isoform of myosin light chain 2. ([ZFIN Staff](#))
- [Citations for Ab2-myl-Ser19-P at ZFIN](#)