

## Product Datasheet

### mCherry Antibody (orb153320)

<b>Catalog Number</b>	orb153320
<b>Category</b>	Antibodies
<b>Description</b>	Goat polyclonal antibody to mCherry (Cherry fluorescent protein). mCherry protein is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus <i>Discosoma</i> .
<b>Target</b>	Red Fluorescent Protein
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Other
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS, 20% glycerol and 0.05% sodium azide
<b>Purification</b>	Epitope affinity purified
<b>Immunogen</b>	Antigen: Purified recombinant peptide produced in <i>E. coli</i> . Antigen Sequence: MVSKGEEDNMAIIKEFMRFKVHMEGSVNGHEFEIEGEGEGRPYEGTQTAKLKVTKGGPLPF AWDILSPQFMYGSKAYVKHPADIPDYLLKLSFPEGFKWERVMNFEDGGVVTVTQDSSLQDG EFIYKVKLRGTNFPDGPVMQKKTMGWEASSERMYPEDGALKGEIKQRLKLDGGHYDAE VKTTYKAKKPVQLPGAYNVNIKLDITSHNEDYTIVEQYERAEGRHSTGGMDELYK
<b>Tested applications</b>	IEM, IF, IHC-Fr, IHC-P, WB

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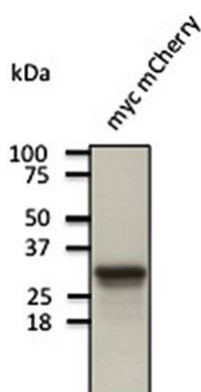
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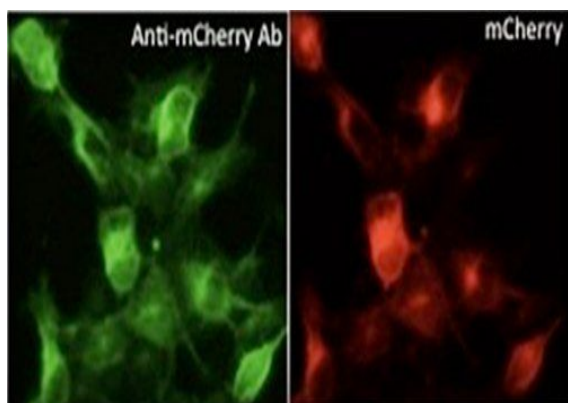
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<b>Dilution range</b>	WB:1:500-1:5,000, IF:1:50-1:500, IHC-P:1:50-1:500, IHC-F:1:50-1:500, IEM:1:50-1:500
<b>Application notes</b>	The antibody solution should be gently mixed before use.
<b>Specificity</b>	In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody (AB0081) recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of HEK293 cell line lysate using mCherry antibody.



Confocal immunofluorescence analysis of HEK293 cells using mCherry antibody.

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