

## Product Datasheet

### mCherry Chicken Polyclonal Antibody (orb611194)

<b>Catalog Number</b>	orb611194
<b>Category</b>	Antibodies
<b>Description</b>	Chicken polyclonal antibody to mCherry (Cherry fluorescent protein).
<b>Target</b>	Red Fluorescent Protein
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Gallus
<b>Isotype</b>	IgY
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Other
<b>Form/Appearance</b>	Polyclonal antibody supplied as a 100 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. Affinity purified using the immunogen immobilized on a solid support; Sample purity >95% (SDS-PAGE).
<b>Concentration</b>	2 mg/ml
<b>Purification</b>	Epitope affinity purified
<b>Immunogen</b>	Antigen: Affinity purified recombinant Red Fluorescent Protein (mCherry). Antigen Sequence: MVSKGEEDNMAIIKEFMRFKVVHMEGSVNGHEFEIEGEGEGRYPYEGTQTAKLKVTKGGPLPF AWDILSPQFMYGSKAYVKHPADIPDYLKLSFPEGFKWERVMNFEDGGVVTVTQDSSLQDG EFIYKVKLRGTNFPDGPVMQKKTMGWEASSERMYPEDGALKGEIKQRLKLDGGHYDAE VKTTYKAKKPVQLPGAYNVNIKLDITSHNEDYTIVEQYERAEGRHSTGGMDELYK
<b>MW</b>	27 kDa

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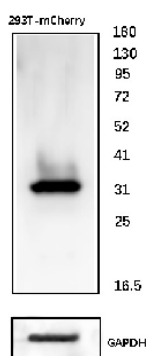
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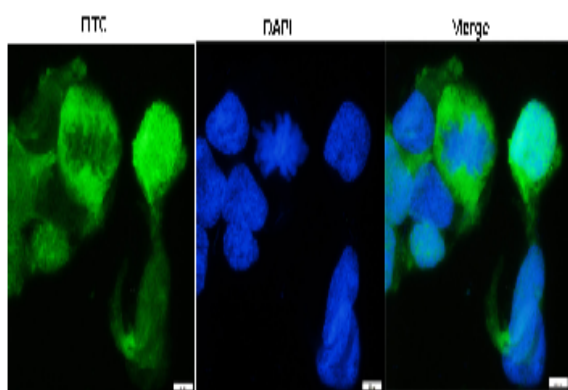
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<b>Tested applications</b>	ELISA, FC, ICC, IF, WB
<b>Dilution range</b>	WB:1:10,000-1:30,000, IF:1:200-1:1,000, ELISA:1:20,000-1:50,000, FC: 2 ug/test
<b>Application notes</b>	The antibody solution should be gently mixed before use.
<b>Specificity</b>	This antibody recognizes a single band with predicted molecular weight in Western blot analysis.
<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 293T-mCherry cells using mCherry Chicken polyclonal antibody orb611194 with dilution at 1:10000.



Immunofluorescent analysis of 293T-mCherry cells using mCherry Chicken polyclonal antibody orb611194 with dilution at 1:200.

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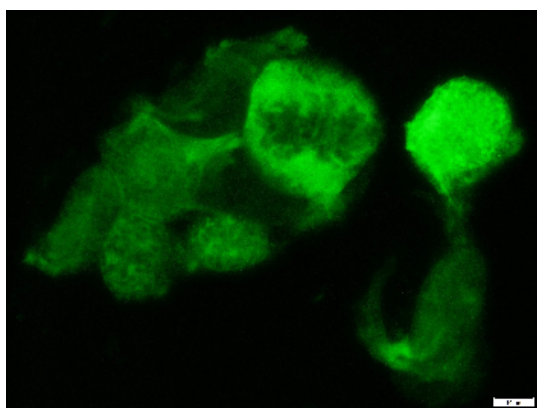
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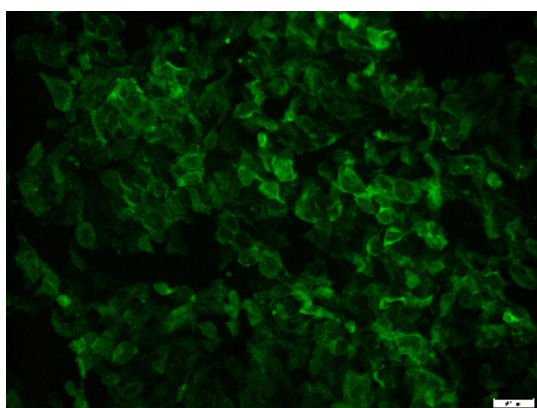
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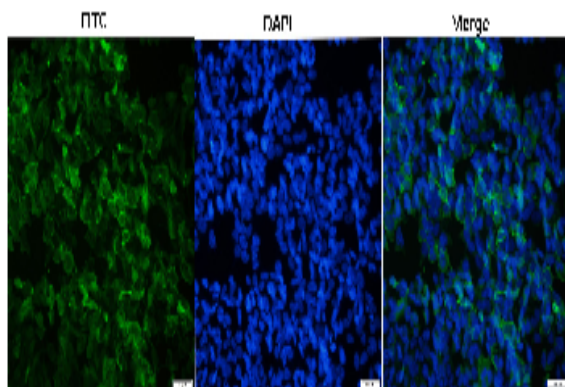
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Immunofluorescent analysis of 293T-mCherry cells using mCherry Chicken polyclonal antibody orb611194 with dilution at 1:200.



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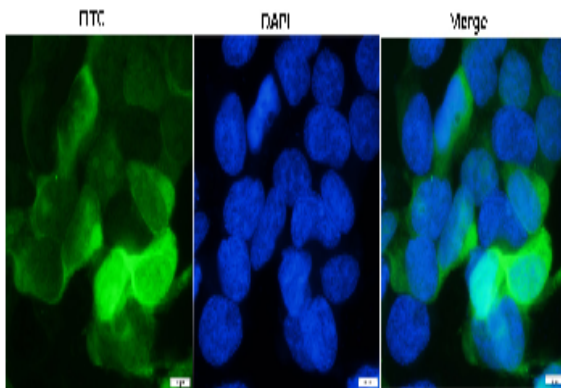
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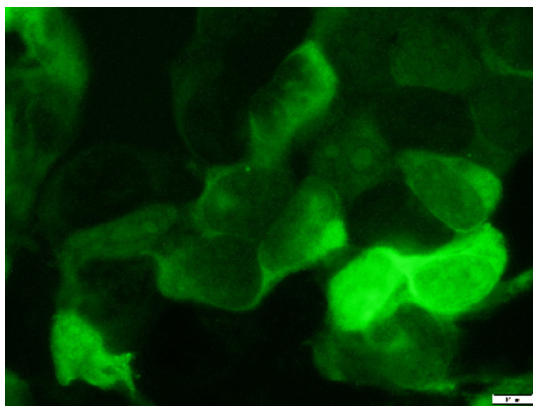
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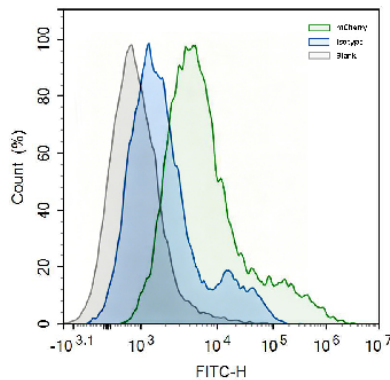
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Immunofluorescent analysis of 293T-mCherry cells using mCherry Chicken polyclonal antibody orb611194 with dilution at 1:200.



Immunofluorescent analysis of 293T-mCherry cells using mCherry Chicken polyclonal antibody orb611194 with dilution at 1:200.



Flow Cytometry analysis of 293t-mCherry cells ( $1 \times 10^5$  cells) using orb611194 mCherry Chicken polyclonal antibody with 2ug /test (green), blank (grey), isotype control (blue).

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