

Product no **AS18 4179**  
**mCherry (rabbit antibody)**

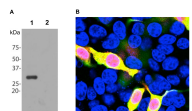
## Product information

<b>Immunogen</b>	Recombinant full length mCherry expressed and purified from <i>E. coli</i> .
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified in PBS pH 7.4, with 3% trehalose.
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µg
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

## Application information

<b>Recommended dilution</b>	1 : 250-1 : 500 (ICC), 1 : 500-1 : 1000 (WB)
<b>Confirmed reactivity</b>	mCherry
<b>Predicted reactivity</b>	mScarlett
<b>Additional information</b>	In western blot ~28 kDa band is detected corresponding to intact full-length mCherry on HEK293 cells transfected with mCherry vector.  Sequence identity between mCherry and original GFP protein is 27%. Antibody does not cross with GFP or eGFP and likely not any of the relatives in western blot.
<b>Selected references</b>	<a href="#">Song et al. (2024)</a> . Substrate-induced condensation activates plant TIR domain proteins. <i>Nature</i> . 2024 Mar 13. doi: 10.1038/s41586-024-07183-9.

### application example



**A:** Western blot of HEK293 cells transfected with pFin-EF1-mCherry vector. Transfected cells (1). Non-transfected control cells (2).

**B:** Immunofluorescence analysis of mCherry-transfected HEK293 cells using anti-mCherry (AS18 4179).