

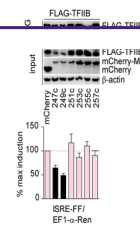
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## Product Datasheet

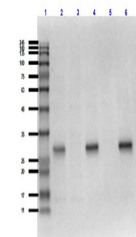
### mCherry antibody (orb345828)

<b>Description</b>	mCherry antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Other
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IF, IHC, WB
<b>Immunogen</b>	The immunogen is a mCherry mutant variant fusion protein of RFP corresponding to the full length amino acid sequence (234aa) derived from the mushroom polyp coral <i>Discosoma</i> .
<b>Preservatives</b>	0.01% (w/v) Sodium Azide. 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.04 mg/mL
<b>Storage</b>	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
<b>Note</b>	For research use only
<b>Application notes</b>	Polyclonal anti-mCherry is designed to detect mCherry, RFP, and its variants. Anti-mCherry ( <i>Discosoma</i> sp.) has been tested by ELISA and Western blot and is intended for use in immunological assays including ELISA, western blotting, immunofluorescence, and fluorescence activated cell sorting (FACS). Researchers should determine optimal titers for applications that are not stated. In addition, we performed conjugation of RFP antibodies to either fluorescent dyes, biotin or horseradish peroxidase to further facilitate RFP protein detection and quantification.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	mCherry was prepared from monospecific antiserum by immunoaffinity chromatography using Red Fluorescent Protein ( <i>Discosoma</i> ) coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Expect reactivity against mCherry, RFP and its variants: tdTomato, mBanana, mOrange, mPlum, mOrange

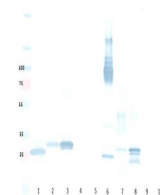
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Mapping of a minimal ML sequence require...



Western Blot of Rabbit Anti-mCherry Anti...



Western Blot of Rabbit anti-mCherry anti...