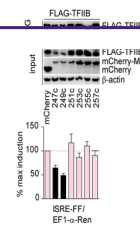

Product Datasheet

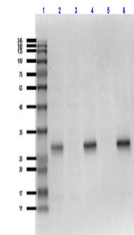
mCherry antibody (orb345827)

Description	mCherry antibody
Species/Host	Rabbit
Reactivity	Other
Conjugation	Unconjugated
Tested Applications	ELISA, IF, IHC, WB
Immunogen	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> .
Preservatives	0.01% (w/v) Sodium Azide. 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Form/Appearance	Liquid (sterile filtered)
Concentration	1.06 mg/mL
Storage	Store mCherry Antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	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.
Isotype	IgG
Clonality	Polyclonal
Purity	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 and mStrawberry. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum

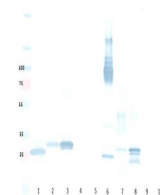
C



Mapping of a minimal ML sequence require...



Western Blot of Rabbit Anti-mCherry Anti...



Western Blot of Rabbit anti-mCherry anti...