Anti-RFP antibody (STJ140001)

STJ140001

GENERAL INFORMATION

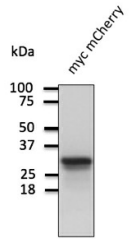
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-Red Fluorescent Protein is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immune Electron Microscopy research applications.
Applications WB/IHC-F/IHC-P/IF/IEM
Host/Source Goat
Reactivity mCherry/tdTomato/RFP

PRODUCT PROPERTIES

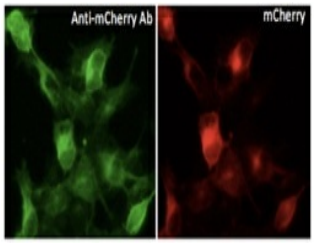
Clonality Polyclonal
Clone ID
Concentration 3 mg/mL
Conjugation Unconjugated
Purification This antibody is epitope-affinity purified from goat antiserum.
Dilution Range WB 1:500-1:5000
IF 1:50-1:500
IHC-P 1:50-1:500
IHC-F 1:50-1:500
IEM 1:50-1:500
Steenbergen VV Burattini L Trumpp M et al. J Exp Med 2023 PMID: 36571760
Stewart S Le Bleu HK Yette GA et al. bioRxiv Oct 2019
Déglon N Merienn
Formulation PBS, 20% Glycerol and 0.05% Sodium Azide.
Isotype IgG
Storage Instruction For continuous use, store at 2-8 C for one-two days. For extended storage, store in-20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

TARGET INFORMATION

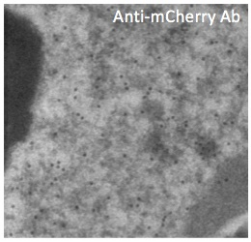
Gene ID
Gene Symbol
Uniprot ID
Immunogen Purified recombinant peptide produced in E. coli.
Immunogen Region
Specificity In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
Immunogen Sequence MVSKGEEDNMAIIKEFMRFK VHMEGSVNGHEFEIEGEGEG RPYEGTQTAKLKVTKGGPLP FAWDILSPQFMYGSKAYVKH PADIPDYLKLSFPEGFKWER VMNFEDGGVVTVTQDSSLQD GEFIYKVKLRGTNFPSDGPV MQKKTMGWEASSERMYPEDG ALKGEIKQRLKLKDGGHYDA EVKTTYKAKKPVQLPGAYNV NIKLDITSHNEDYTIVEQYE RAEGRHSNGGMDEVYK



Anti-mCherry antibody at 1:1000 dilution; 293HEK cells transduced with myc-mCherry Ad; lysates at 100 Âµg per lane; rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution



Immunofluorescence â anti-mCherry antibody in 293HEK cells transfected with mCherry-Rab1a at 1:50 dilution; cells were fixed with 4% of PFA



Immunogold labeling of RPE, in vivo injected with mCherry expressing vector

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