

## Anti-mEmerald antibody (STJ140226)

STJ140226

### GENERAL INFORMATION

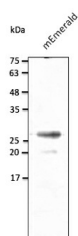
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-mEmerald is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immune Electron Microscopy research applications.
<b>Applications</b>	WB/IHC-F/IHC-P/IF/IEM
<b>Host/Source</b>	Goat
<b>Reactivity</b>	GFP

### PRODUCT PROPERTIES

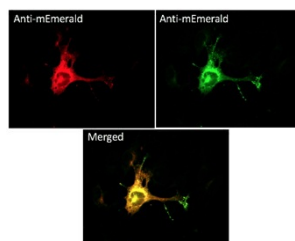
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	3 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Epitope affinity purified
<b>Dilution Range</b>	WB 1:500-1:5000 IHC-F 1:50-1:500 IHC-P 1:50-1:500 IF 1:50-1:500 IEM 1:50-1:500
<b>Formulation</b>	PBS, 20% Glycerol and 0.05% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	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.
<b>Instruction</b>	

### TARGET INFORMATION

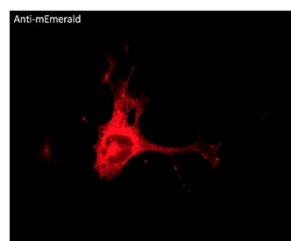
<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	Purified recombinant fluorescent protein produced in E. coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	In 293HEK cells transfected with cds plasmid detects a band of 27 kDa by Western blot. This antibody does not recognize RFP (red fluorescent protein).
<b>Immunogen Sequence</b>	



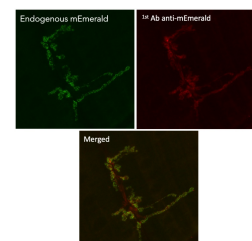
Anti-mEmerald antibody at 1/2, 500 dilution using HEK293 transfected cell lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution



Immunofluorescence à anti-mEmerald antibody using NIH3T3 cells transfected with mEmerald-Rab5a; cells were fixed with methanol and anti-mEmerald at 1:100



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Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing GluRIIA-mEmerald in neurons (GluRIIA is a post-synaptic protein) using 1st antibody anti-mEmerald at 1:1,000 and 2nd antibody anti-goat IgY conjugated to DyLight®550 at 1/500

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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