

Goat mEmerald Polyclonal Antibody

anti-mEmerald

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63214	Goat	Transfected cells, Green Fluorescent Protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

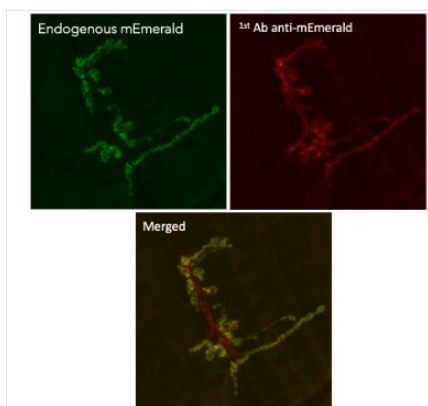
PRODUCT SYNONYMS

mEmerald; Polyclonal Antibody; anti-mEmerald; green fluorescent protein antibody; anti-mEmerald antibody

PRODUCT SPECIFICATIONS

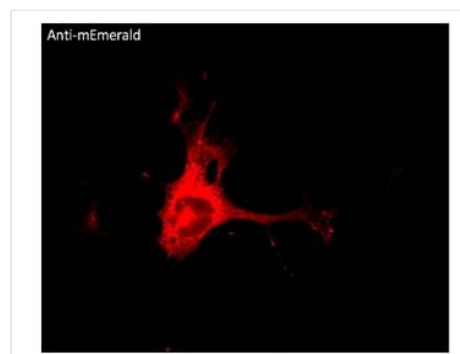
Host	Goat
Reactivity	Transfected cells, Green Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize RFP (red fluorescent protein).
Purity/Purification	Epitope affinity purified
Form/Format	?Polyclonal antibody supplied as a 100ul (3mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum
Concentration	3mg/ml (varies by lot)
Applicable Applications for anti-mEmerald antibody	IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Purified recombinant fluorescent protein produced in E Coli.
Preparation and Storage	Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

IMAGES



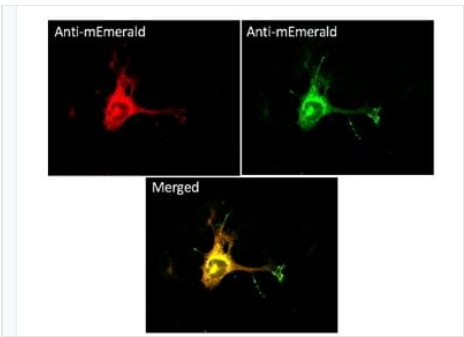
IF (Immunofluorescence)

Immunofluorescence in Drosophila larva muscle 6/7 expressing GluRIIA-mEmerald in neurons (GluRIIA is a post-synaptic protein) using 1st Ab anti-mEmerald at 1/1,000 and 2nd Ab anti-goat IgY conjugated to DyLight550 at 1/500;



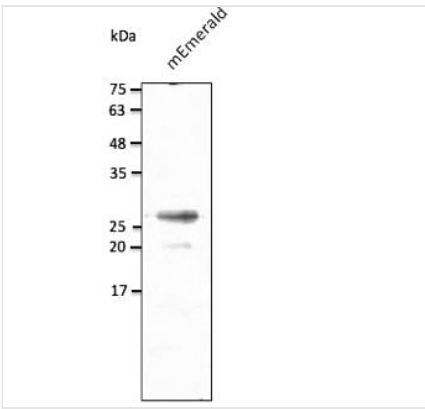
IF (Immunofluorescence)

Immunofluorescence - anti-mEmerald Ab using NIH3T3 cells transduced with mEmerald-Rab5a; cells were fixed with methanol and anti-mEmerald at 1/100;



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Application Data

Anti-mEmerald Ab at 1/2,500 dilution using HEK293 transfected cell lysates at 50 ug per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	+++	+++	+++	ND	+++

Reactivity Data

ADDITIONAL INFORMATION

Related Product Information for anti-mEmerald antibody	Goat polyclonal antibody to mEmerald (Emerald fluorescent protein). Aquamarine is a basic (constitutively fluorescent), monomeric engineered derivate of green fluorescent protein (GFP) isolated from Aequorea victoria. mEmerald is a ~27kDa protein that is optimally excited at a 487nm and has a maximum of emission at 509nm. It is used in research as a reporter to label and study the biology of the cell using a wide range of applications.
Product Categories/Family for anti-mEmerald antibody	Primary

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/memerald-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63214>