

Goat mPlum Polyclonal Antibody

anti-mPlum

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63259	Goat	Transfected cells, Red Fluorescent Protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

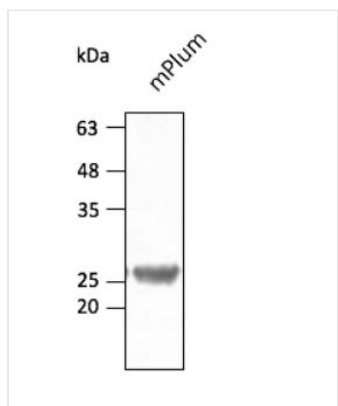
PRODUCT SYNONYMS

mPlum; Polyclonal Antibody; anti-mPlum; red fluorescent protein; Plum antibody; anti-mPlum antibody

PRODUCT SPECIFICATIONS

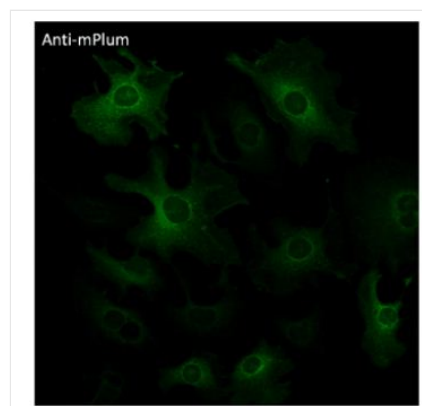
Host	Goat
Reactivity	Transfected cells, Red Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize GFP (green fluorescent protein).
Purity/Purification	Epitope affinity purified
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-mPlum 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



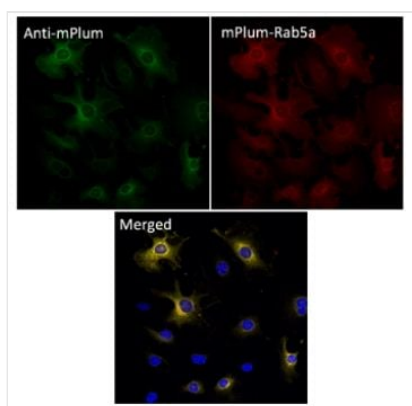
Application Data

Anti-mPlum 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;



IF (Immunofluorescence)

Immunofluorescence - anti-Plum Ab using hCEC cells transduced with mPlum-Rab5a; cells were fixed with methanol and anti-mPlum at 1/250;



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

Reactivity Data

IF (Immunofluorescence)

Immunofluorescence -Anti-Plum Ab using hCEC cells transduced with mPlum-Rab5a; cells were fixed with methanol and Anti-mPlum at 1/250;

ADDITIONAL INFORMATION

Related Product Information for anti-mPlum antibody

Goat polyclonal antibody to mPlum (Plum fluorescent protein). mPlum is a basic (constitutively fluorescent), monomeric engineered derivative of red fluorescent protein (RFP) isolated from members of the Discosoma (mushroom coral) family. mPlum is a ~27kDa protein that is optimally excited at a 590nm and has a maximum of emission at 649nm. 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-mPlum 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/mplum-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63259>