

Goat mOrange Polyclonal Antibody

anti-mOrange

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63215	Goat	Transfected cells, Red Fluorescent Protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

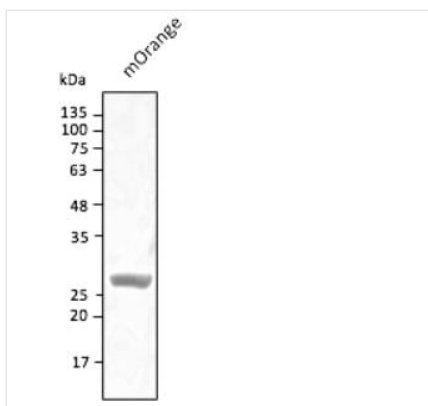
PRODUCT SYNONYMS

mOrange; Polyclonal Antibody; anti-mOrange; red fluorescent protein; Orange antibody; anti-mOrange antibody

PRODUCT SPECIFICATIONS

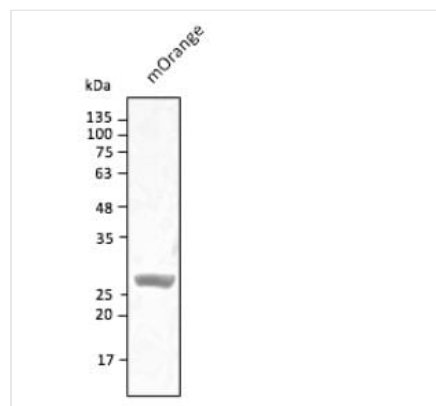
Host	Goat
Reactivity	Transfected cells, Red Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize GFP (green fluorescent protein).
Purity/Purification	Epitope affinity purified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



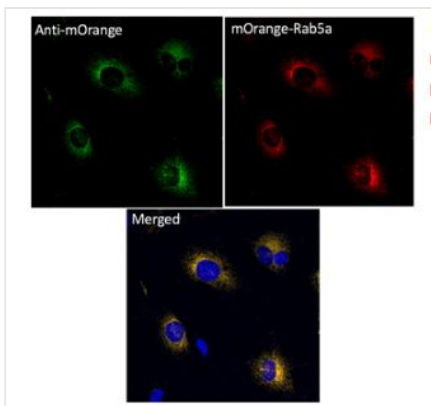
IF (Immunofluorescence)

Immunofluorescence - anti-mOrange Ab using hCEC cells transfected with mOrange-Rab5a; cells were fixed with methanol and anti-mOrange at 1/250;



Application Data

Anti-mOrange 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

IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-mOrange antibody

Goat polyclonal antibody to mOrange (Orange fluorescent protein). mOrange is a basic (constitutively fluorescent), monomeric engineered derivative of red fluorescent protein (RFP) isolated from members of the Discosoma (mushroom coral) family. mOrange is a ~27kDa protein that is optimally excited at a 548nm and has a maximum of emission at 562nm. 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-mOrange 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/morange-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63215>