

Goat mCarmine Polyclonal Antibody

anti-mCarmine

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63243	Goat	Transfected cells, Red Fluorescent Protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

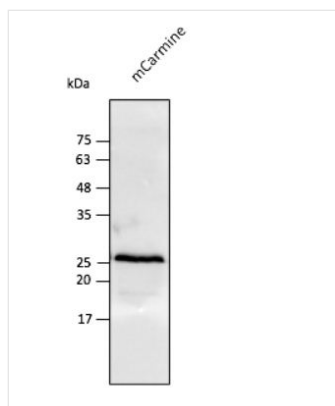
PRODUCT SYNONYMS

mCarmine; Polyclonal Antibody; anti-mCarmine; far-Red antibody; anti-mCarmine antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Transfected cells, Red Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In lysates of transfected cells with the plasmid containing the fluorescent sequence, detects the recombinant protein by Western blot.
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-mCarmine antibody	IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Affinity purified recombinant fluorescent protein (HIR78_01785 from Bacillus subtilis) and 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



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

Reactivity Data

Application Data

Anti-mCarmine 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;

ADDITIONAL INFORMATION

Related Product Information for anti-mCarmine antibody	Goat polyclonal antibody to mCarmine (Far Red fluorescent protein). mCarmine is a basic (constitutively fluorescent) far red fluorescent protein, monomeric engineered derivate of far-red fluorescent protein (RFP) isolated from members of the Entacmaea quadricolor. mCarmine is a ~28kDa protein that is optimally excited at a 603nm and has a maximum of emission at 675nm. This bright far-red fluorescent protein is used in research as a reporter to label and study the biology of the cell using whole body imaging.
Product Categories/Family for anti-mCarmine 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/mcarmine-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63243>