

Goat mCardinal Polyclonal Antibody

anti-mCardinal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63216	Goat	Transfected cells protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

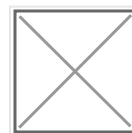
Host	Goat
Reactivity	Transfected cells protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In lysates of transfected cells with the plasmid containing the fluorescent sequence, detects the recombinant protein by Western blot.
Purity/Purification	Epitope affinity purified
Form/Format	Polyclonal antibody 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-mCardinal antibody	IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
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



Application Data

Anti-mCardinal Ab at 1/2,500 dilution using HEK293 transfected cell lysates at 40 ug per lane;
rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Reactivity Data

ADDITIONAL INFORMATION

Related Product Information for anti-mCardinal antibody	Goat polyclonal antibody to mCardinal (Far Red fluorescent protein). mCardinal is a basic (constitutively fluorescent) far red fluorescent protein, monomeric engineered derivative of far-red fluorescent protein (RFP) isolated from members of the Entacmaea quadricolor. It is reported to be a rapidly-maturing monomer with moderate acid sensitivity. mCardinal is a ~27kDa protein that is optimally excited at a 604nm and has a maximum of emission at 659nm. 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-mCardinal 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/mcardinal-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63216>