

Goat mCherry Polyclonal Antibody

anti-mCherry

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63205	Goat	Transfected cells, Red Fluorescent Protein (dsRed), tdTomato and mCherry	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

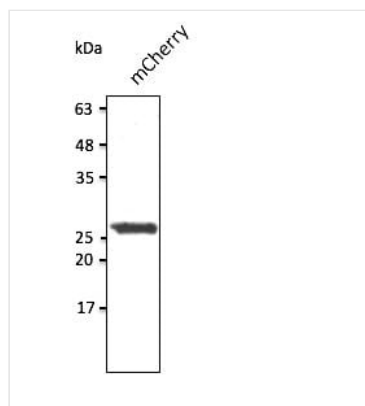
PRODUCT SYNONYMS

mCherry; Polyclonal Antibody; anti-mCherry; Cherry fluorescent protein; dsRed; red fluorescent protein; tdTomato antibody; anti-mCherry antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Transfected cells, Red Fluorescent Protein (dsRed), tdTomato and mCherry
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
Purity/Purification	Epitope affinity purified
Form/Format	Polyclonal antibody supplied as a 200ul (2mg/ml) aliquot in NaHCO ₃ 100mM pH9; no preservatives. This antibody is epitope-affinity purified from goat antiserum and does not contain preservatives.
Concentration	2mg/ml (varies by lot)
Applicable Applications for anti-mCherry antibody	IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Purified recombinant peptide 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



Reactivity Data

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

Application Data

Anti-mCherry Ab at 1/2,500 dilution; 293HEK cells transduced with mCherry Ad; lysates at 50 ug per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

ADDITIONAL INFORMATION

Related Product Information for anti-mCherry antibody	Goat polyclonal antibody to mCherry (Cherry fluorescent protein). mCherry protein is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus Discosoma. mCherry is a ~27kDa protein that is optimally excited at a 587nm and has a maximum of emission at 610nm. It is a basic (constitutively fluorescent) red fluorescent protein and It is reported to be a very rapidly-maturing monomer with low acid sensitivity.
Product Categories/Family for anti-mCherry 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/mcherry-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63205>