

Datasheet for ABIN7505996

anti-mCherry antibody

3 Images

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Overview

Quantity:	0.1 mg
Target:	mCherry
Reactivity:	Anaplasma marginale
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This mCherry antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-mCherry purified
Immunogen:	mCherry protein from Anaplasma marginale
Specificity:	The rabbit polyclonal antibody PAb (918) recognizes a red fluorescent protein tag mCherry.
Purification:	Purified by ligand affinity chromatography.

Target Details

Target:	mCherry
Alternative Name:	mCherry (mCherry Products)
Background:	The mCherry is a red fluorescent protein with excitation maximum 587 nm and emission maximum 610 nm. It has around 28 kDa, and it is being used as a fluorescent tag in expression systems.

Target Details

UniProt: [X5DSL3](#)

Application Details

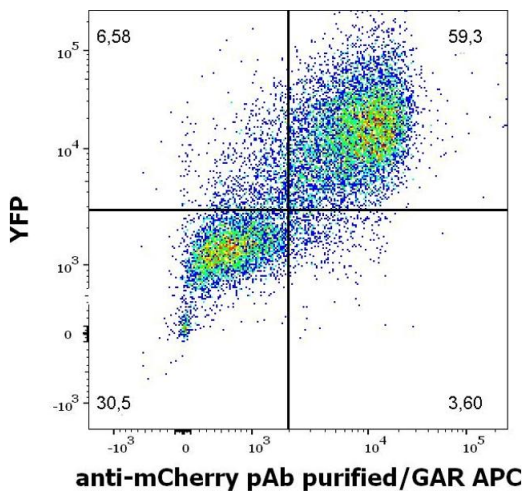
Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL, extracellular staining or intracellular staining - depending on expression. Western blotting: Recommended dilution: 1-2 µg/mL.
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Restrictions:	For Research Use only
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Handling

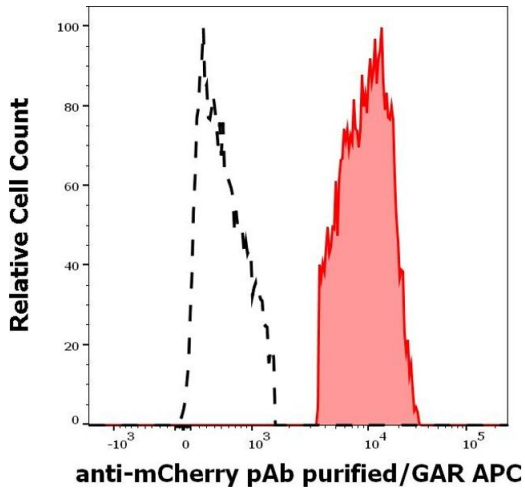
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Images



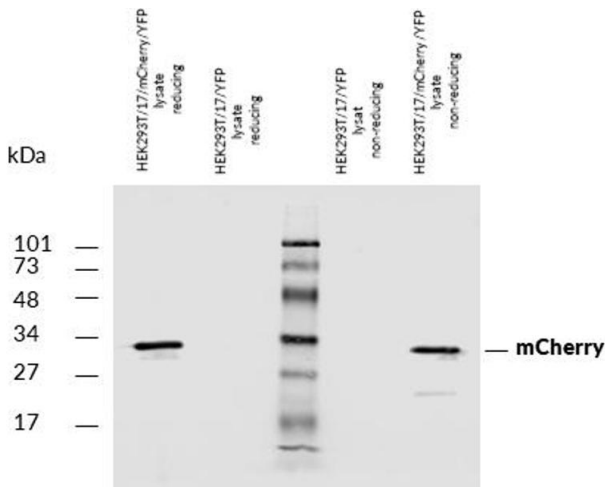
Flow Cytometry

Image 1. Flow cytometry surface staining pattern of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs stained using anti-mCherry Purified rabbit polyclonal antibody (concentration in sample 2 µg/mL, GAR APC).



Flow Cytometry

Image 2. Separation of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs stained anti-mCherry Purified rabbit polyclonal antibody (concentration in sample 2 $\mu\text{g/mL}$, GAR APC, red-filled) from HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs unstained by primary polyclonal antibody (GAR APC, black-dashed) in flow cytometry analysis (surface staining) of HEK293T17/mCherry/YFP cell suspension.



Western Blotting

Image 3. Western blotting analysis of mCherry fluorescent protein using rabbit polyclonal PAb (918) on lysates of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs (HEK293T/17 cells transfected with YFP/GPI, negative control) under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 $\mu\text{g/mL}$ of rabbit anti-mCherry polyclonal antibody followed by IRDye800-conjugated anti-rabbit secondary antibody. A specific band was detected for mCherry protein at approximately 30 kDa.