SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB9770-100	200 µg

Anti-mCherry

Source: Chicken

General description: Chicken polyclonal antibody to mCherry (Cherry fluorescent protein).

Alternative names: Cherry fluorescent protein; dsRed, red fluorescent protein, tdTomato antibody.

Form: Polyclonal antibody supplied as a 100 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. Affinity purified using the immunogen immobilized on a solid support; Sample purity >95% (SDS-PAGE).

Immunogen: Affinity purified recombinant Red Fluorescent Protein (mCherry).

Specificity: This antibody recognizes a single band with predicted molecular weight in Western blot analysis.

Reactivity: Reacts with Transfected cells proteins

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

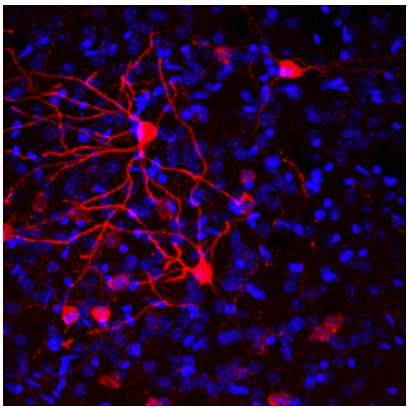
+++ excellent, ++ good, + poor, ND not determined

Usage:

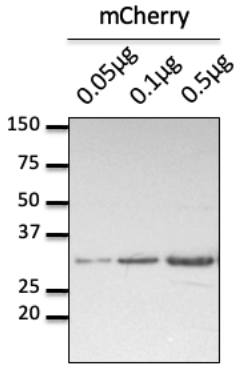
WB:	1:10,000-1:30,000
IF:	1:200-1:1,000
ELISA:	1:20,000-1:50,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

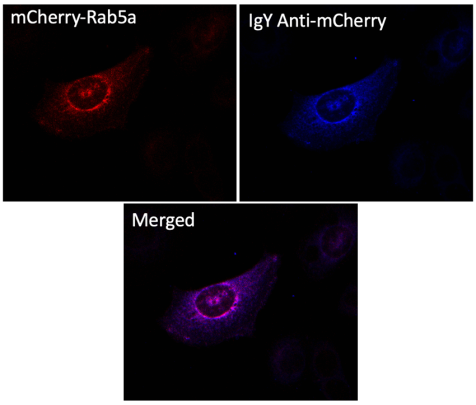
Special instructions: The antibody solution should be gently mixed before use..



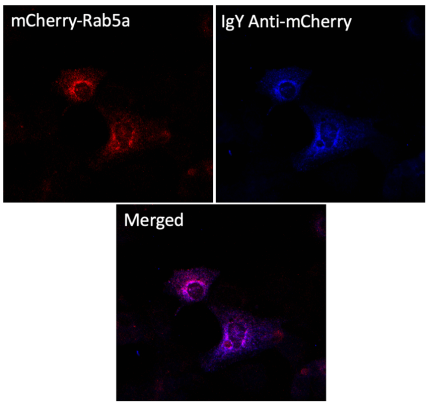
Immunofluorescence – Mice brain transduced with AAV with Cre-dependent expression of mCherry. Free-floating slices fixed with 4% of PFA. Ab at 1/1,000 dilution; Courtesy of Rodrigues, Univ Minho;



Anti-mCherry Ab at 1/15,000 dilution; 0.05 µg, 0.1 µg and 0.5 µg of purified recombinant mCherry; rabbit polyclonal to chicken IgY (HRP) at 1/10,000 dilution;



Immunofluorescence – anti-mCherry Ab (AB9770) using hCEC cells transduced with mCherry-Rab5a; cells were fixed with methanol and mCherry Ab at 1/250; 2nd Ab goat anti-IgY (AB307405) at 1:1,000;



Immunofluorescence – anti-mCherry Ab (AB9770) using hCEC cells transduced with mCherry-Rab5a; cells were fixed with methanol and mCherry Ab at 1/250; 2nd Ab goat anti-IgY (AB307405) at 1:1,000;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.