

ARG55723 anti-mCherry antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes mCherry
Tested Reactivity	Other
Tested Application	ICC/IF, IHC-Fr, IHC-P, IHC-Wmt, WB
Specificity	This antibody recognizes mCherry, red fluorescent protein (dsRed) and tdTomato. It does not cross-react to GFP.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	mCherry
Immunogen	Purified recombinant peptide produced in E. coli
Conjugation	Un-conjugated
Alternate Names	Cherry fluorescent protein; dsRed; red fluorescent protein; tdTomato

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50-1:500
	IHC-Fr	1:50-1:500
	IHC-P	1:50-1:500
	IHC-Wmt	Assay-dependent
	WB	1:500-1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

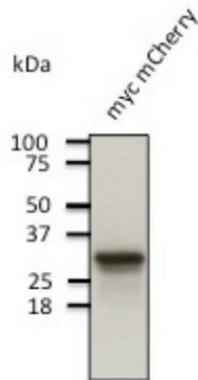
For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background

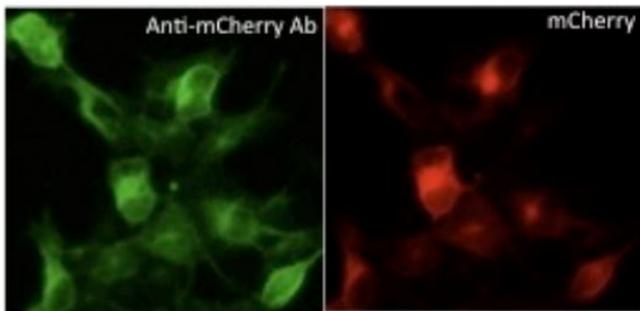
mCherry protein is derived from DsRed, an engineered red fluorescent protein from so-called discorals of the genus *Discosoma*.

Images



ARG55723 anti-mCherry antibody WB image

Western blot: 100 μ g of 293HEK cells transduced with myc-mCherry Ad and stained with ARG55723 anti-mCherry antibody at 1:1000 dilution.



ARG55723 anti-mCherry antibody ICC/IF image

Immunocytochemistry: 293HEK cells transfected with mCherry-Rab1a and stained with ARG55723 anti-mCherry antibody at 1:50 dilution. Cells were fixed with 4% of PFA.